

VGB-18 TA DIESEL GENERATOR



GENERATOR OUTPUT

TEMPERATURE	PRIME	STANDBY
50 C	23 KVA	25.3 KVA
50 C	18.4 KW	20.24 KW

Frequency: 60Hz
Voltage: 400 V
Engine Speed: 1800 RPM
Fuel Tank Run Time: 12hrs @ 75% load

BAUDOQUIN MOTEURS

FEATURES

Low in fuel consumption
Low exhaust emissions

DURABILITY AND LOW NOIS
70 dB(A) @ 7M +/- 3dB(A)

ELECTRICAL SYSTEM

12V negative earthed starter, battery charging alternator.

FILTERING SYSTEM

Heavy Duty Air Cleaner



LEROY-SOMER ALTERNATOR

APPLICATIONS

The TAL alternator range is designed to meet the needs of general applications such as prime power and stand-by.



STANDARD OF COMPLIANCE

The TAL range complies with international standards and regulations: IEC 60034 and derivative.

The range is designed, manufactured and marketed in an ISO 9001 and 14001 environment.

TOP OF THE RANGE ELECTRICAL PERFORMANCE :

Class H insulation

Standard 6(12 option) wire re-connectable winding, and 2/3 pitch High efficiency and motor starting capacity

DEEP SEA CONTROLLER DSE6120 MKI

The DSE4520 module monitors the engine, indicating the operational status and fault conditions.

automatically shutting down the engine and giving a true first up fault condition of an engine failure by the text LCD display.



Features

Text based LCD display
True RMS Voltage
Current and Power monitoring
USB Communications
Engine parameter monitoring.
Fully configurable inputs for use as alarms or a range of different functions.
Data Logging

GENERATOR SPECIFICATIONS

Engine

Manufacturer Baudouin Moteurs
Engine Model 4M06G2D0/S
Engine Speed 1800 RPM
Type In-Line, 4 cycle
Number of Cylinder 4
Bore x Stroke 89*92 mm
Displacement 2.3 L
Compression Ratio 17.5 : 1
Fuel System Mechanical Pump
Governor Electronic
Fuel Consumption at 75% load 5 L/h (prime)
Flywheel SAE 4 / 7.5

Alternator

Manufacturer LEROY-SOMER
Model TAL040F
Control System Shunt Excitation
Voltage Regulation +/- 1%
Insulation Class Class H
Protection IP23
Rated Power Factor 0.8
Stator Winding Double Layer Lap
Winding Pitch 2/3
Winding Leads 6 (12 option)
Total Harmonic Distortion THD No Load < 2%
Total Harmonic Distortion In linear load THD < 5%
Maximum Overspeed 2250 R.P.M

Overall Specification

Dimensions (L x W x H) 2250 x 964 x 1520 mm
Wet Weight 1882.1 kg
Sound Level: 78 dB(A) @ 7m +/- 3 dBA
Ambient Temperature 50 °C
Altitude 0 m
Relative Humidity Below 90%
Coolant capacity 8.6 L
Fuel Tank Capacity 3.6 litres
Total oil capacity (including filters) 9.5 L

CONDITIONS AND DEFINITIONS

PRIME POWER RATING

Prime Power is the maximum power available for unlimited hours of usage in a variable load application. The average load factor should not exceed 70% of the engine's PRP power rating during any 24 hour period. An overload capability of 10% is available, however, this is limited to 1 hour within every 12 hour period.

STANDBY POWER RATING

Emergency Standby Power is the maximum power available for a varying load for the duration of a main power network failure. The average load factor over 24 hours of operation should not exceed 70% of the engine's ESP power rating. Typical operational hours of the engine is 200 hours per year, with a maximum usage of 500 hours per year. This includes an annual maximum of 25 hours per year at the ESP power rating. No overload capability is allowed. The engine is not to be used for sustained utility paralleling applications.

STANDARD REFERRED

ISO 8528-1, ISO 3046, DIN6271. Performance tolerance of ±5%.

Email: Abdullah@Vtagenerators.com

VGB-29TA DIESEL GENERATOR



GENERATOR OUTPUT

TEMPERATURE	PRIME	STANDBY
50 C	29 KVA	31.9 KVA
50 C	23.2 KW	25.52 KW

Frequency: 60Hz
Voltage: 400 V
Engine Speed: 1800 RPM
Fuel Tank Run Time: 12hrs @ 75% load

BAUDOIJN MOTEURS

FEATURES

Low in fuel consumption
Low exhaust emissions

DURABILITY AND LOW NOIS

70 dB(A) @ 7M +- 3dB(A)

ELECTRICAL SYSTEM

12V negative earthed starter, battery charging alternator.

FILTERING SYSTEM

Heavy Duty Air Cleaner

LEROY-SOMER ALTERNATOR

APPLICATIONS

The TAL alternator range is designed to meet the needs of general applications such as prime power and stand-by.



STANDARD OF COMPLIANCE

The TAL range complies with international standards and regulations: IEC 60034 and derivative.

The range is designed, manufactured and marketed in an ISO 9001 and 14001 environment.

TOP OF THE RANGE ELECTRICAL PERFORMANCE :

Class H insulation

Standard 6(12 option) wire re-connectable winding, and 2/3 pitch High efficiency and motor starting capacity

DEEP SEA CONTROLLER DSE6120 MKI

The DSE4520 module monitors the engine, indicating the operational status and fault conditions.

automatically shutting down the engine and giving a true first up fault condition of an engine failure by the text LCD display.



Features

Text based LCD display
True RMS Voltage
Current and Power monitoring
USB Communications
Engine parameter monitoring.
Fully configurable inputs for use as alarms or a range of different functions.
Data Logging

GENERATOR SPECIFICATIONS

Engine

Manufacturer Baudouin Moteurs
Engine Model 4M06G4D0/S
Engine Speed 1800 RPM
Type In-Line, 4 cycle
Number of Cylinder 4
Bore x Stroke 89 x 92 mm
Displacement 2.3 L
Compression Ratio 17.5 : 1
Fuel System Mechanical Pump
Governor Electronic
Fuel Consumption at 75% load 5.3 L/h (prime)
Flywheel SAE 4 / 7.5

Alternator

Manufacturer LEROY-SOMER
Model TAL042A
Control System Shunt Excitation
Voltage Regulation +/- 1%
Insulation Class Class H
Protection IP23
Rated Power Factor 0.8
Stator Winding Double Layer Lap
Winding Pitch 2/3
Winding Leads 6 (12 option)
Total Harmonic Distortion THD No Load < 2%
Total Harmonic Distortion In linear load THD < 5%
Maximum Overspeed 2250 R.P.M

Overall Specification

Dimensions (L x W x H) 2250 x 964 x 1520 mm
Wet Weight 1882.1 kg
Sound Level: 78 dB(A) @ 7m +- 3 dBA
Ambient Temperature 50 °C
Altitude 0 m
Relative Humidity Below 90%
Coolant capacity 8.6 L
Fuel Tank Capacity 4.5 litres
Total oil capacity (including filters) 9.5 L

CONDITIONS AND DEFINITIONS

PRIME POWER RATING

Prime Power is the maximum power available for unlimited hours of usage in a variable load application. The average load factor should not exceed 70% of the engine's PRP power rating during any 24 hour period. An overload capability of 10% is available, however, this is limited to 1 hour within every 12 hour period.

STANDBY POWER RATING

Emergency Standby Power is the maximum power available for a varying load for the duration of a main power network failure. The average load factor over 24 hours of operation should not exceed 70% of the engine's ESP power rating. Typical operational hours of the engine is 200 hours per year, with a maximum usage of 500 hours per year. This includes an annual maximum of 25 hours per year at the ESP power rating. No overload capability is allowed. The engine is not to be used for sustained utility paralleling applications.

STANDARD REFERRED

ISO 8528-1, ISO 3046, DIN6271. Performance tolerance of ±5%.

Email: Abdullah@Voltagenerators.com

VGB-32 TA DIESEL GENERATOR



GENERATOR OUTPUT

TEMPERATURE	PRIME	STANDBY
50 C	38 KVA	41.8 KVA
50 C	30.4 KW	33.44 KW

Frequency: 60Hz
Voltage: 400 V
Engine Speed: 1800 RPM
Fuel Tank Run Time: 12hrs @ 75% load

BAUDOIN MOTEURS

FEATURES

Low in fuel consumption
Low exhaust emissions

DURABILITY AND LOW NOIS

70 dB(A) @ 7M +/- 3dB(A)

ELECTRICAL SYSTEM

12V negative earthed starter, battery charging alternator.

FILTERING SYSTEM

Heavy Duty Air Cleaner

LEROY-SOMER ALTERNATOR

APPLICATIONS

The TAL alternator range is designed to meet the needs of general applications such as prime power and stand-by.



STANDARD OF COMPLIANCE

The TAL range complies with international standards and regulations: IEC 60034 and derivative.

The range is designed, manufactured and marketed in an ISO 9001 and 14001 environment.

TOP OF THE RANGE ELECTRICAL PERFORMANCE :

Class H insulation

Standard 6(12 option) wire re-connectable winding, and 2/3 pitch High efficiency and motor starting capacity

DEEP SEA CONTROLLER DSE6120 MKI

The DSE4520 module monitors the engine, indicating the operational status and fault conditions.

automatically shutting down the engine and giving a true first up fault condition of an engine failure by the text LCD display.



Features

Text based LCD display
True RMS Voltage
Current and Power monitoring
USB Communications
Engine parameter monitoring.
Fully configurable inputs for use as alarms or a range of different functions.
Data Logging

GENERATOR SPECIFICATIONS

Engine

Manufacturer Baudouin Moteurs
Engine Model 4M06G6D0/S
Engine Speed 1800 RPM
Type In-Line, 4 cycle
Number of Cylinder 4
Bore x Stroke 89 x 92 mm
Displacement 2.3 L
Compression Ratio 17.5 : 1
Fuel System Mechanical Pump
Governor Electronic
Fuel Consumption at 75% load 7.1 L/h (prime)
Flywheel SAE 3 /11.5

Alternator

Manufacturer LEROY-SOMER
Model TAL042C
Control System Shunt Excitation
Voltage Regulation +/- 1%
Insulation Class Class H
Protection IP23
Rated Power Factor 0.8
Stator Winding Double Layer Lap
Winding Pitch 2/3
Winding Leads 6 (12 option)
Total Harmonic Distortion THD No Load < 2%
Total Harmonic Distortion In linear load THD < 5%
Maximum Overspeed 2250 R.P.M

Overall Specification

Dimensions (L x W x H) 2250 x 964 x 1520 mm
Wet Weight 900 kg
Sound Level: 78 dB(A) @ 7m +/- 3 dBA
Ambient Temperature 50 °C
Altitude 0 m
Relative Humidity Below 90%
Coolant capacity 16 L
Fuel Tank Capacity 157 litres
Total oil capacity (including filters) 9.5 L

CONDITIONS AND DEFINITIONS

PRIME POWER RATING

Prime Power is the maximum power available for unlimited hours of usage in a variable load application. The average load factor should not exceed 70% of the engine's PRP power rating during any 24 hour period. An overload capability of 10% is available, however, this is limited to 1 hour within every 12 hour period.

STANDBY POWER RATING

Emergency Standby Power is the maximum power available for a varying load for the duration of a main power network failure. The average load factor over 24 hours of operation should not exceed 70% of the engine's ESP power rating. Typical operational hours of the engine is 200 hours per year, with a maximum usage of 500 hours per year. This includes an annual maximum of 25 hours per year at the ESP power rating. No overload capability is allowed. The engine is not to be used for sustained utility paralleling applications.

STANDARD REFERRED

ISO 8528-1, ISO 3046, DIN6271. Performance tolerance of ±5%.

Email: Abdullah@Votagenerators.com

VGB-40 TA DIESEL GENERATOR



GENERATOR OUTPUT

TEMPERATURE	PRIME	STANDBY
50 C	47 KVA	51.7 KVA
50 C	37.6 KW	41.36 KW

Frequency: 60Hz
Voltage: 400 V
Engine Speed: 1800 RPM
Fule Tank Run Time: 12hrs @ 75% load

BAUDOUDIN MOTEURS

FEATURES

Low in fuel consumption
Low exhaust emissions

DURABILITY AND LOW NOIS

70 dB(A) @ 7M +/- 3dB(A)

ELECTRICAL SYSTEM

12V negative earthed starter, battery charging alternator.

FILTERING SYSTEM

Heavy Duty Air Cleaner

LEROY-SOMER ALTERNATOR

APPLICATIONS

The TAL alternator range is designed to meet the needs of general applications such as prime power and stand-by.

STANDARD OF COMPLIANCE

The TAL range complies with international standards and regulations: IEC 60034 and derivative.

The range is designed, manufactured and marketed in an ISO 9001 and 14001 environment.

TOP OF THE RANGE ELECTRICAL PERFORMANCE :

Class H insulation

Standard 6(12 option) wire re-connectable winding, and 2/3 pitch High efficiency and motor starting capacity



GENERATOR SPECIFICATIONS

Engine

Manufacturer Baudouin Moteurs
Engine Model 4M06G8D0/S
Engine Speed 1800 RPM
Type In-Line, 4 cycle
Number of Cylinder 4
Bore x Stroke 89 x 92 mm
Displacement 2.3 L
Compression Ratio 17.5 : 1
Fuel System Mechanical Pump
Governor Electronic
Fuel Consumption at 75% load 8.1 L/h (prime)
Flywheel SAE 3 / 11.5

Alternator

Manufacturer LEROY-SOMER
Model TAL042F
Control System Shunt Excitation
Voltage Regulation +/- 1%
Insulation Class Class H
Protection IP23
Rated Power Factor 0.8
Stator Winding Double Layer Lap
Winding Pitch 2/3
Winding Leads 6 (12 option)
Total Harmonic Distortion THD No Load < 2%
Total Harmonic Distortion In linear load THD < 5%
Maximum Overspeed 2250 R.P.M
Overall Specification
Dimensions (L x W x H) 2250 x 964 x 1520 mm
Wet Weight 900 kg
Sound Level: 78 dB(A) @ 7m +/- 3 dBA
Ambient Temperature 50 °C
Altitude 0 m
Relative Humidity Below 90%
Coolant capacity 16 L
Fuel Tank Capacity 157 litres
Total oil capacity (including filters) 9.5 L

CONDITIONS AND DEFINITIONS

PRIME POWER RATING

Prime Power is the maximum power available for unlimited hours of usage in a variable load application. The average load factor should not exceed 70% of the engine's PRP power rating during any 24 hour period. An overload capability of 10% is available, however, this is limited to 1 hour within every 12 hour period.

STANDBY POWER RATING

Emergency Standby Power is the maximum power available for a varying load for the duration of a main power network failure. The average load factor over 24 hours of operation should not exceed 70% of the engine's ESP power rating. Typical operational hours of the engine is 200 hours per year, with a maximum usage of 500 hours per year. This includes an annual maximum of 25 hours per year at the ESP power rating. No overload capability is allowed. The engine is not to be used for sustained utility paralleling applications.

STANDARD REFERRED

ISO 8528-1, ISO 3046, DIN6271. Performance tolerance of ±5%.

DEEP SEA CONTROLLER DSE6120 MKI

The DSE4520 module monitors the engine, indicating the operational status and fault conditions.

automatically shutting down the engine and giving a true first up fault condition of an engine failure by the text LCD display.



Features

Text based LCD display
True RMS Voltage
Current and Power monitoring
USB Communications
Engine parameter monitoring.
Fully configurable inputs for use as alarms or a range of different functions.
Data Logging

Email: Abdullah@Vtagenerators.com



VGB-50 TA DIESEL GENERATOR



GENERATOR OUTPUT

TEMPERATURE	PRIME	STANDBY
50 C	63 KVA	69.3 KVA
50 C	50.4 KW	55.44 KW

Frequency: 60Hz
Voltage: 400 V
Engine Speed: 1800 RPM
Fule Tank Run Time: 12hrs @ 75% load

BAUDOQUIN MOTEURS FEATURES

Low in fuel consumption
Low exhaust emissions



DURABILITY AND LOW NOIS
70 dB(A) @ 7M +- 3dB(A)

ELECTRICAL SYSTEM

12V negative earthed starter, battery charging alternator.

FILTERING SYSTEM

Heavy Duty Air Cleaner

LEROY-SOMER ALTERNATOR

APPLICATIONS

The TAL alternator range is designed to meet the needs of general applications such as prime power and stand-by.



STANDARD OF COMPLIANCE

The TAL range complies with international standards and regulations: IEC 60034 and derivative.

The range is designed, manufactured and marketed in an ISO 9001 and 14001 environment.

TOP OF THE RANGE ELECTRICAL PERFORMANCE :

Class H insulation

Standard 6(12 option) wire re-connectable winding, and 2/3 pitch High efficiency and motor starting capacity

DEEP SEA CONTROLLER DSE6120 MKI

The DSE4520 module monitors the engine, indicating the operational status and fault conditions.

automatically shutting down the engine and giving a true first up fault condition of an engine failure by the text LCD display.



Features

Text based LCD display
True RMS Voltage
Current and Power monitoring
USB Communications
Engine parameter monitoring.
Fully configurable inputs for use as alarms or a range of different functions.
Data Logging

GENERATOR SPECIFICATIONS

Engine

Manufacturer Baudouin Moteurs
Engine Model 4M06G10D0/S
Engine Speed 1800 RPM
Type In-Line, 4 cycle
Number of Cylinder 4
Bore x Stroke 89 * 92 mm
Displacement 2.3L
Compression Ratio 17.5 : 1
Fuel System Mechanical Pump
Governor Electronic
Fuel Consumption at 75% load 10.7 L/h (prime)
Flywheel SAE 3 / 11.5

Alternator

Manufacturer LEROY-SOMER
Model TAL042H
Control System Shunt Excitation
Voltage Regulation +/- 1%
Insulation Class Class H
Protection IP23
Rated Power Factor 0.8
Stator Winding Double Layer Lap
Winding Pitch 2/3
Winding Leads 6 (12 option)
Total Harmonic Distortion THD No Load < 2%
Total Harmonic Distortion In linear load THD < 5%
Maximum Overspeed 2250 R.P.M
Overall Specification
Dimensions (L x W x H) 2250 x 964 x 1520 mm
Wet Weight 900 kg
Sound Level: 78 dB(A) @ 7m +- 3 dBA
Ambient Temperature 50 °C
Altitude 0 m
Relative Humidity Below 90%
Coolant capacity 12.9L
Fuel Tank Capacity 157 litres
Total oil capacity (including filters) 7.35L

CONDITIONS AND DEFINITIONS

PRIME POWER RATING

Prime Power is the maximum power available for unlimited hours of usage in a variable load application. The average load factor should not exceed 70% of the engine's PRP power rating during any 24 hour period. An overload capability of 10% is available, however, this is limited to 1 hour within every 12 hour period.

STANDBY POWER RATING

Emergency Standby Power is the maximum power available for a varying load for the duration of a main power network failure. The average load factor over 24 hours of operation should not exceed 70% of the engine's ESP power rating. Typical operational hours of the engine is 200 hours per year, with a maximum usage of 500 hours per year. This includes an annual maximum of 25 hours per year at the ESP power rating. No overload capability is allowed. The engine is not to be used for sustained utility paralleling applications.

STANDARD REFERRED

ISO 8528-1, ISO 3046, DIN6271. Performance tolerance of ±5%.

Email: Abdullah@Voltagenerators.com

VGB-75 TA DIESEL GENERATOR



GENERATOR OUTPUT

TEMPERATURE	PRIME	STANDBY
50 C	75 KVA	82.5 KVA
50 C	60 KW	66 KW

Frequency: 60Hz
Voltage: 400 V
Engine Speed: 1800 RPM
Fuel Tank Run Time: 12hrs @ 75% load

BAUDOIN MOTEURS

FEATURES

Low in fuel consumption
Low exhaust emissions

DURABILITY AND LOW NOIS
70 dB(A) @ 7M +/- 3dB(A)

ELECTRICAL SYSTEM

24V negative earthed starter, battery charging alternator.

FILTERING SYSTEM

Heavy Duty Air Cleaner

LEROY-SOMER ALTERNATOR

APPLICATIONS

The TAL alternator range is designed to meet the needs of general applications such as prime power and stand-by.



STANDARD OF COMPLIANCE

The TAL range complies with international standards and regulations: IEC 60034 and derivative.

The range is designed, manufactured and marketed in an ISO 9001 and 14001 environment.

TOP OF THE RANGE ELECTRICAL PERFORMANCE :

Class H insulation
Standard 6(12 option) wire re-connectable winding, and 2/3 pitch High efficiency and motor starting capacity

DEEP SEA CONTROLLER DSE6120 MK1

The DSE4520 module monitors the engine, indicating the operational status and fault conditions.

automatically shutting down the engine and giving a true first up fault condition of an engine failure by the text LCD display.



Features

Text based LCD display
True RMS Voltage
Current and Power monitoring
USB Communications
Engine parameter monitoring.
Fully configurable inputs for use as alarms or a range of different functions.
Data Logging



GENERATOR SPECIFICATIONS

Engine

Manufacturer: Baudouin Moteurs
Engine Model: 4M10G2D0/S
Engine Speed: 1800 RPM
Type: In-Line, 4 cycle
Number of Cylinder: 4
Bore x Stroke: 105*118 mm
Displacement: 4.087 L
Compression Ratio: 17.5 : 1
Fuel System: Mechanical Pump
Governor: Electronic
Fuel Consumption at 75% load: 11.6 L/h (prime)
Flywheel: SAE 3 / 11.5

Alternator

Manufacturer: LEROY-SOMER
Model: TAL042H
Control System: Shunt Excitation
Voltage Regulation: +/- 1%
Insulation Class: Class H
Protection: IP23
Rated Power Factor: 0.8
Stator Winding: Double Layer Lap
Winding Pitch: 2/3
Winding Leads: 6 (12 option)
Total Harmonic Distortion THD: No Load < 2%
Total Harmonic Distortion Maximum Overspeed: In linear load THD < 5%
2250 R.P.M

Overall Specification

Dimensions (L x W x H) : 2250 x 964 x 1520 mm
Wet Weight: 900 kg
Sound Level: 78 dB(A) @ 7m +/- 3 dBA
Ambient Temperature: 50 °C
Altitude: 0 m
Relative Humidity: Below 90%
Coolant capacity: 14 L
Fuel Tank Capacity: 157 litres
Total oil capacity (including filters): 17.9 L

CONDITIONS AND DEFINITIONS

PRIME POWER RATING

Prime Power is the maximum power available for unlimited hours of usage in a variable load application. The average load factor should not exceed 70% of the engine's PRP power rating during any 24 hour period. An overload capability of 10% is available, however, this is limited to 1 hour within every 12 hour period.

STANDBY POWER RATING

Emergency Standby Power is the maximum power available for a varying load for the duration of a main power network failure. The average load factor over 24 hours of operation should not exceed 70% of the engine's ESP power rating. Typical operational hours of the engine is 200 hours per year, with a maximum usage of 500 hours per year. This includes an annual maximum of 25 hours per year at the ESP power rating. No overload capability is allowed. The engine is not to be used for sustained utility paralleling applications.

STANDARD REFERRED

ISO 8528-1, ISO 3046, DIN6271. Performance tolerance of ±5%.

Email: Abdullah@Votagenerators.com

TA DIESEL GENERATOR



GENERATOR OUTPUT

TEMPERATURE	PRIME	STANDBY
50 C	94 KVA	103.4 KVA
50 C	75.2 KW	82.72 KW

Frequency: 60Hz
Voltage: 400 V
Engine Speed: 1800 RPM
Fuel Tank Run Time: 12hrs @ 75% load

BAUDOUIIN MOTEURS

FEATURES

Low in fuel consumption
Low exhaust emissions



DURABILITY AND LOW NOIS
70 dB(A) @ 7M +/- 3dB(A)

ELECTRICAL SYSTEM

12V negative earthed starter, battery charging alternator.

FILTERING SYSTEM

Heavy Duty Air Cleaner

LEROY-SOMER ALTERNATOR

APPLICATIONS

The TAL alternator range is designed to meet the needs of general applications such as prime power and stand-by.



STANDARD OF COMPLIANCE

The TAL range complies with international standards and regulations: IEC 60034 and derivative.

The range is designed, manufactured and marketed in an ISO 9001 and 14001 environment.

TOP OF THE RANGE ELECTRICAL PERFORMANCE :

Class H insulation

Standard 6(12 option) wire re-connectable winding, and 2/3 pitch High efficiency and motor starting capacity

DEEP SEA CONTROLLER DSE6120 MKI

The DSE4520 module monitors the engine, indicating the operational status and fault conditions.

automatically shutting down the engine and giving a true first up fault condition of an engine failure by the text LCD display.



Features

Text based LCD display
True RMS Voltage
Current and Power monitoring
USB Communications
Engine parameter monitoring.
Fully configurable inputs for use as alarms or a range of different functions.
Data Logging

GENERATOR SPECIFICATIONS

Engine

Manufacturer Baudouin Moteurs
Engine Model 4M10G4D0/S
Engine Speed 1800 RPM
Type In-Line, 4 cycle
Number of Cylinder 4
Bore x Stroke 105 * 118 mm
Displacement 4.087 L
Compression Ratio 17.5 : 1
Fuel System Mechanical Pump
Governor Electronic
Fuel Consumption at 75% load 16.46 L/h (prime)
Flywheel SAE 3 / 11.5

Alternator

Manufacturer LEROY-SOMER
Model TAL044D
Control System Shunt Excitation
Voltage Regulation +/- 1%
Insulation Class Class H
Protection IP23
Rated Power Factor 0.8
Stator Winding Double Layer Lap
Winding Pitch 2/3
Winding Leads 6 (12 option)
Total Harmonic Distortion THD No Load < 2%
Total Harmonic Distortion In linear load THD < 5%
Maximum Overspeed 2250 R.P.M

Overall Specification

Dimensions (L x W x H) 2250 x 964 x 1520 mm
Wet Weight 900 kg
Sound Level: 78 dB(A) @ 7m +/- 3 dBA
Ambient Temperature 50 °C
Altitude 0 m
Relative Humidity Below 90%
Coolant capacity 17.9L
Fuel Tank Capacity 157 litres
Total oil capacity (including filters) 14 L

CONDITIONS AND DEFINITIONS

PRIME POWER RATING

Prime Power is the maximum power available for unlimited hours of usage in a variable load application. The average load factor should not exceed 70% of the engine's PRP power rating during any 24 hour period. An overload capability of 10% is available, however, this is limited to 1 hour within every 12 hour period.

STANDBY POWER RATING

Emergency Standby Power is the maximum power available for a varying load for the duration of a main power network failure. The average load factor over 24 hours of operation should not exceed 70% of the engine's ESP power rating. Typical operational hours of the engine is 200 hours per year, with a maximum usage of 500 hours per year. This includes an annual maximum of 25 hours per year at the ESP power rating. No overload capability is allowed. The engine is not to be used for sustained utility paralleling applications.

STANDARD REFERRED

ISO 8528-1, ISO 3046, DIN6271. Performance tolerance of ±5%.

Email: Abdullah@Vtagenerators.com

VGB-110 TA DIESEL GENERATOR



GENERATOR OUTPUT

TEMPERATURE	PRIME	STANDBY
50 C	112 KVA	123.2 KVA
50 C	89.6 KW	98.56 KW

Frequency: 60Hz
Voltage: 400 V
Engine Speed: 1800 RPM
Fuel Tank Run Time: 12hrs @ 75% load

BAUDOIN MOTEURS

FEATURES

Low in fuel consumption
Low exhaust emissions

DURABILITY AND LOW NOIS

70 dB(A) @ 7M +/- 3dB(A)

ELECTRICAL SYSTEM

12V negative earthed starter, battery charging alternator.

FILTERING SYSTEM

Heavy Duty Air Cleaner

LEROY-SOMER ALTERNATOR

APPLICATIONS

The TAL alternator range is designed to meet the needs of general applications such as prime power and stand-by.

STANDARD OF COMPLIANCE

The TAL range complies with international standards and regulations: IEC 60034 and derivative.

The range is designed, manufactured and marketed in an ISO 9001 and 14001 environment.

TOP OF THE RANGE ELECTRICAL PERFORMANCE :

Class H insulation

Standard 6(12 option) wire re-connectable winding, and 2/3 pitch High efficiency and motor starting capacity



DEEP SEA CONTROLLER DSE6120 MKI

The DSE4520 module monitors the engine, indicating the operational status and fault conditions.

automatically shutting down the engine and giving a true first up fault condition of an engine failure by the text LCD display.



Features

Text based LCD display
True RMS Voltage
Current and Power monitoring
USB Communications
Engine parameter monitoring.
Fully configurable inputs for use as alarms or a range of different functions.
Data Logging

GENERATOR SPECIFICATIONS

Engine

Manufacturer Baudouin Moteurs
Engine Model 4M10G6D0/S
Engine Speed 1800 RPM
Type In-Line, 4 cycle
Number of Cylinder 4
Bore x Stroke 105*118 mm
Displacement 4.087 L
Compression Ratio 17.5 : 1
Fuel System Mechanical Pump
Governor Electronic
Fuel Consumption at 75% load 19.29 L/h (prime)
Flywheel SAE 3 / 11.5

Alternator

Manufacturer LEROY-SOMER
Model TAL044D
Control System Shunt Excitation
Voltage Regulation +/- 1%
Insulation Class Class H
Protection IP23
Rated Power Factor 0.8
Stator Winding Double Layer Lap
Winding Pitch 2/3
Winding Leads 6 (12 option)
Total Harmonic Distortion THD No Load < 3.5%
Total Harmonic Distortion In linear load THD < 5%
Maximum Over speed 2250 rpm

Overall Specification

Dimensions (L x W x H) 2250 x 964 x 1520 mm
Wet Weight 900 kg
Sound Level: 78 dB(A) @ 7m +/- 3 dBA
Ambient Temperature 50 °C
Altitude 0 m
Relative Humidity Below 90%
Coolant capacity 23.6 L
Fuel Tank Capacity 157 litres
Total oil capacity (including filters) 14 L

CONDITIONS AND DEFINITIONS

PRIME POWER RATING

Prime Power is the maximum power available for unlimited hours of usage in a variable load application. The average load factor should not exceed 70% of the engine's PRP power rating during any 24 hour period. An overload capability of 10% is available, however, this is limited to 1 hour within every 12 hour period.

STANDBY POWER RATING

Emergency Standby Power is the maximum power available for a varying load for the duration of a main power network failure. The average load factor over 24 hours of operation should not exceed 70% of the engine's ESP power rating. Typical operational hours of the engine is 200 hours per year, with a maximum usage of 500 hours per year. This includes an annual maximum of 25 hours per year at the ESP power rating. No overload capability is allowed. The engine is not to be used for sustained utility paralleling applications.

STANDARD REFERRED

ISO 8528-1, ISO 3046, DIN6271. Performance tolerance of ±5%.

Email: Abdullah@Voltagenerators.com

TA DIESEL GENERATOR



GENERATOR OUTPUT

TEMPERATURE	PRIME	STANDBY
50 C	150 KVA	165 KVA
50 C	120 KW	132 KW

Frequency: 60Hz
Voltage: 400 V
Engine Speed: 1800 RPM
Fuel Tank Run Time: 12hrs @ 75% load

BAUDOQUIN MOTEURS

FEATURES

Low in fuel consumption
Low exhaust emissions

DURABILITY AND LOW NOIS

70 dB(A) @ 7M +/- 3dB(A)

ELECTRICAL SYSTEM

24V negative earthed starter, battery charging alternator.

FILTERING SYSTEM

Heavy Duty Air Cleaner

LEROY-SOMER ALTERNATOR

APPLICATIONS

The TAL alternator range is designed to meet the needs of general applications such as prime power and stand-by.



STANDARD OF COMPLIANCE

The TAL range complies with international standards and regulations: IEC 60034 and derivative.

The range is designed, manufactured and marketed in an ISO 9001 and 14001 environment.

TOP OF THE RANGE ELECTRICAL PERFORMANCE :

Class H insulation

Standard 6(12 option) wire re-connectable winding, and 2/3 pitch High efficiency and motor starting capacity

DEEP SEA CONTROLLER DSE6120 MKI

The DSE4520 module monitors the engine, indicating the operational status and fault conditions.

automatically shutting down the engine and giving a true first up fault condition of an engine failure by the text LCD display.



Features

Text based LCD display
True RMS Voltage
Current and Power monitoring
USB Communications
Engine parameter monitoring.
Fully configurable inputs for use as alarms or a range of different functions.
Data Logging

GENERATOR SPECIFICATIONS

Engine

Manufacturer Baudouin Moteurs
Engine Model 6M11G2D0/S
Engine Speed 1800 RPM
Type In-Line, 4 cycle
Number of Cylinder 6
Bore x Stroke 105 x 130 mm
Displacement 6.75 L
Compression Ratio 18:01
Fuel System Mechanical Pump
Governor Electronic
Fuel Consumption at 75% load 164 L/h (prime)
Flywheel SAE 3/11.5"

Alternator

Manufacturer LEROY-SOMER
Model TAL044H
Control System Shunt Excitation
Voltage Regulation +/- 1%
Insulation Class Class H
Protection IP23
Rated Power Factor 0.8
Stator Winding Double Layer Lap
Winding Pitch 2/3
Winding Leads 6 (12 option)
Total Harmonic Distortion THD No Load < 2%
Total Harmonic Distortion In linear load THD < 5%
Maximum Overspeed 2250 R.P.M

Overall Specification

Dimensions (L x W x H) 2250 x 964 x 1520 mm
Wet Weight 1103 kg
Sound Level: 78 dB(A) @ 7m +/- 3 dBA
Ambient Temperature 50 °C
Altitude 0 m
Relative Humidity Below 90%
Coolant capacity 20 L
Fuel Tank Capacity 25.9 litres
Total oil capacity (including filters) 71 L

CONDITIONS AND DEFINITIONS

PRIME POWER RATING

Prime Power is the maximum power available for unlimited hours of usage in a variable load application. The average load factor should not exceed 70% of the engine's PRP power rating during any 24 hour period. An overload capability of 10% is available, however, this is limited to 1 hour within every 12 hour period.

STANDBY POWER RATING

Emergency Standby Power is the maximum power available for a varying load for the duration of a main power network failure. The average load factor over 24 hours of operation should not exceed 70% of the engine's ESP power rating. Typical operational hours of the engine is 200 hours per year, with a maximum usage of 500 hours per year. This includes an annual maximum of 25 hours per year at the ESP power rating. No overload capability is allowed. The engine is not to be used for sustained utility paralleling applications.

STANDARD REFERRED

ISO 8528-1, ISO 3046, DIN6271. Performance tolerance of ±5%.

Email: Abdullah@Vtagenerators.com

VGB-181 TA DIESEL GENERATOR



GENERATOR OUTPUT

TEMPERATURE	PRIME	STANDBY
50 C	181 KVA	199.1 KVA
50 C	144.8 KW	159.28 KW

Frequency: 60Hz
Voltage: 400 V
Engine Speed: 1800 RPM
Fuel Tank Run Time: 12hrs @ 75% load

BAUDOUIIN MOTEURS

FEATURES

Low in fuel consumption
Low exhaust emissions

DURABILITY AND LOW NOIS

70 dB(A) @ 7M +/- 3dB(A)

ELECTRICAL SYSTEM

24V negative earthed starter, battery charging alternator.

FILTERING SYSTEM

Heavy Duty Air Cleaner

LEROY-SOMER ALTERNATOR

APPLICATIONS

The TAL alternator range is designed to meet the needs of general applications such as prime power and stand-by.

STANDARD OF COMPLIANCE

The TAL range complies with international standards and regulations: IEC 60034 and derivative.

The range is designed, manufactured and marketed in an ISO 9001 and 14001 environment.

TOP OF THE RANGE ELECTRICAL PERFORMANCE :

Class H insulation

Standard 6(12 option) wire re-connectable winding, and 2/3 pitch High efficiency and motor starting capacity



GENERATOR SPECIFICATIONS

Engine

Manufacturer Baudouin Moteurs
Engine Model 6M11G4D0/S
Engine Speed 1800 RPM
Type In-Line, 4 cycle
Number of Cylinder 6
Bore x Stroke 105 x 130 mm
Displacement 6.75 L
Compression Ratio 18:01
Fuel System Mechanical Pump
Governor Electronic
Fuel Consumption at 75% load 29.9 L/h (prime)
Flywheel SAE 3/11.5"

Alternator

Manufacturer LEROY-SOMER
Model TAL044J
Control System Shunt Excitation
Voltage Regulation +/- 1%
Insulation Class Class H
Protection IP23
Rated Power Factor 0.8
Stator Winding Double Layer Lap
Winding Pitch 2/3
Winding Leads 6 (12 option)
Total Harmonic Distortion THD No Load < 2%
Total Harmonic Distortion In linear load THD < 5%
Maximum Overspeed 2250 R.P.M

Overall Specification

Dimensions (L x W x H) 2250 x 964 x 1520 mm
Wet Weight 1133 kg
Sound Level: 78 dB(A) @ 7m +/- 3 dBA
Ambient Temperature 50 °C
Altitude 0 m
Relative Humidity Below 90%
Coolant capacity 20L
Fuel Tank Capacity 239.2 litres
Total oil capacity (including filters) 17 L

CONDITIONS AND DEFINITIONS

PRIME POWER RATING

Prime Power is the maximum power available for unlimited hours of usage in a variable load application. The average load factor should not exceed 70% of the engine's PRP power rating during any 24 hour period. An overload capability of 10% is available, however, this is limited to 1 hour within every 12 hour period.

STANDBY POWER RATING

Emergency Standby Power is the maximum power available for a varying load for the duration of a main power network failure. The average load factor over 24 hours of operation should not exceed 70% of the engine's ESP power rating. Typical operational hours of the engine is 200 hours per year, with a maximum usage of 500 hours per year. This includes an annual maximum of 25 hours per year at the ESP power rating. No overload capability is allowed. The engine is not to be used for sustained utility paralleling applications.

STANDARD REFERRED

ISO 8528-1, ISO 3046, DIN6271. Performance tolerance of ±5%.

DEEP SEA CONTROLLER DSE6120 MKI

The DSE4520 module monitors the engine, indicating the operational status and fault conditions.

automatically shutting down the engine and giving a true first up fault condition of an engine failure by the text LCD display.



Features

Text based LCD display
True RMS Voltage
Current and Power monitoring
USB Communications
Engine parameter monitoring.
Fully configurable inputs for use as alarms or a range of different functions.
Data Logging

Email:Abdullah@Votlagenerators.com

VGB-225 TA DIESEL GENERATOR



GENERATOR OUTPUT

TEMPERATURE	PRIME	STANDBY
50 C	225 KVA	247.5 KVA
50 C	180 KW	198 KW

Frequency: 60Hz
Voltage: 400 V
Engine Speed: 1800 RPM
Fule Tank Run Time: 12hrs @ 75% load

BAUDOUIIN MOTEURS

FEATURES

Low in fuel consumption
Low exhaust emissions



DURABILITY AND LOW NOIS

70 dB(A) @ 7M +- 3dB(A)

ELECTRICAL SYSTEM

24V negative earthed starter, battery charging alternator.

FILTERING SYSTEM

Heavy Duty Air Cleaner

LEROY-SOMER ALTERNATOR

APPLICATIONS

The TAL alternator range is designed to meet the needs of general applications such as prime power and stand-by.



STANDARD OF COMPLIANCE

The TAL range complies with international standards and regulations: IEC 60034 and derivative.

The range is designed, manufactured and marketed in an ISO 9001 and 14001 environment.

TOP OF THE RANGE ELECTRICAL PERFORMANCE :

Class H insulation

Standard 6(12 option) wire re-connectable winding, and 2/3 pitch High efficiency and motor starting capacity

DEEP SEA CONTROLLER DSE6120 MKI

The DSE4520 module monitors the engine, indicating the operational status and fault conditions.

automatically shutting down the engine and giving a true first up fault condition of an engine failure by the text LCD display.



Features

Text based LCD display

True RMS Voltage

Current and Power monitoring

USB Communications

Engine parameter monitoring.

Fully configurable inputs for use as alarms or a range of different functions.

Data Logging

GENERATOR SPECIFICATIONS

Engine

Manufacturer Baudouin Moteurs
Engine Model 6M16G2D0/S
Engine Speed 1800 RPM
Type In-Line, 4 cycle
Number of Cylinder 6
Bore x Stroke 126 * 130 mm
Displacement 9.726 L
Compression Ratio 17:01
Fuel System Mechanical Pump
Governor Electronic
Fuel Consumption at 75% load 38.5 L/h (prime)
Flywheel SAE 1 / 14

Alternator

Manufacturer LEROY-SOMER
Model TAL046D
Control System Shunt Excitation
Voltage Regulation +/- 1%
Insulation Class Class H
Protection IP23
Rated Power Factor 0.8
Stator Winding Double Layer Lap
Winding Pitch 2/3
Winding Leads 6 (12 option)
Total Harmonic Distortion THD No Load < 2%
Total Harmonic Distortion In linear load THD < 5%
Maximum Overspeed 2250 R.P.M

Overall Specification

Dimensions (L x W x H) 3800 x 1300x 2100 mm
Wet Weight 2902 kg
Sound Level: 78 dB(A) @ 7m +- 3 dBA
Ambient Temperature 50 °C
Altitude 0 m
Relative Humidity Below 90%
Coolant capacity 42 L
Fuel Tank Capacity 157 litres
Total oil capacity (including filters) 22 L

CONDITIONS AND DEFINITIONS

PRIME POWER RATING

Prime Power is the maximum power available for unlimited hours of usage in a variable load application. The average load factor should not exceed 70% of the engine's PRP power rating during any 24 hour period. An overload capability of 10% is available, however, this is limited to 1 hour within every 12 hour period.

STANDBY POWER RATING

Emergency Standby Power is the maximum power available for a varying load for the duration of a main power network failure. The average load factor over 24 hours of operation should not exceed 70% of the engine's ESP power rating. Typical operational hours of the engine is 200 hours per year, with a maximum usage of 500 hours per year. This includes an annual maximum of 25 hours per year at the ESP power rating. No overload capability is allowed. The engine is not to be used for sustained utility paralleling applications.

STANDARD REFERRED

ISO 8528-1, ISO 3046, DIN6271. Performance tolerance of ±5%.

Email: Abdullah@Voltagenerators.com

VGB-250 TA DIESEL GENERATOR



GENERATOR OUTPUT

TEMPERATURE	PRIME	STANDBY
50 C	250 KVA	275 KVA
50 C	200 KW	220 KW

Frequency: 60Hz
Voltage: 400 V
Engine Speed: 1800 RPM
Fuel Tank Run Time: 12hrs @ 75% load

BAUDOIN MOTEURS FEATURES

Low in fuel consumption
Low exhaust emissions

DURABILITY AND LOW NOIS

70 dB(A) @ 7M +/- 3dB(A)

ELECTRICAL SYSTEM

24V negative earthed starter, battery charging alternator.

FILTERING SYSTEM

Heavy Duty Air Cleaner

LEROY-SOMER ALTERNATOR

APPLICATIONS

The TAL alternator range is designed to meet the needs of general applications such as prime power and stand-by.

STANDARD OF COMPLIANCE

The TAL range complies with international standards and regulations: IEC 60034 and derivative.

The range is designed, manufactured and marketed in an ISO 9001 and 14001 environment.

TOP OF THE RANGE ELECTRICAL PERFORMANCE :

Class H insulation

Standard 6(12 option) wire re-connectable winding, and 2/3 pitch High efficiency and motor starting capacity



DEEP SEA CONTROLLER DSE6120 MK1

The DSE4520 module monitors the engine, indicating the operational status and fault conditions.

automatically shutting down the engine and giving a true first up fault condition of an engine failure by the text LCD display.



Features

Text based LCD display
True RMS Voltage
Current and Power monitoring
USB Communications
Engine parameter monitoring.
Fully configurable inputs for use as alarms or a range of different functions.
Data Logging

GENERATOR SPECIFICATIONS

Engine

Manufacturer Baudouin Moteurs
Engine Model 6M16G4D0/S
Engine Speed 1800 RPM
Type In-Line, 4 cycle
Number of Cylinder 6
Bore x Stroke 126 x 130 mm
Displacement 9.726 L
Compression Ratio 17:01
Fuel System Mechanical Pump
Governor Electronic
Fuel Consumption at 75% load 42.2 L/h (prime)
Flywheel SAE 1/14"

Alternator

Manufacturer LEROY-SOMER
Model TAL046D
Control System Shunt Excitation
Voltage Regulation +/- 1%
Insulation Class Class H
Protection IP23
Rated Power Factor 0.8
Stator Winding Double Layer Lap
Winding Pitch 2/3
Winding Leads 6 (12 option)
Total Harmonic Distortion THD No Load < 2%
Total Harmonic Distortion In linear load THD < 5%
Maximum Overspeed 2250 R.P.M
Overall Specification
Dimensions (L x W x H) 2250 x 964 x 1520 mm
Wet Weight 1702 kg
Sound Level: 78 dB(A) @ 7m +/- 3 dBA
Ambient Temperature 50 °C
Altitude 0 m
Relative Humidity Below 90%
Coolant capacity 42 L
Fuel Tank Capacity 337.6 litres
Total oil capacity (including filters) 22 L

CONDITIONS AND DEFINITIONS

PRIME POWER RATING

Prime Power is the maximum power available for unlimited hours of usage in a variable load application. The average load factor should not exceed 70% of the engine's PRP power rating during any 24 hour period. An overload capability of 10% is available, however, this is limited to 1 hour within every 12 hour period.

STANDBY POWER RATING

Emergency Standby Power is the maximum power available for a varying load for the duration of a main power network failure. The average load factor over 24 hours of operation should not exceed 70% of the engine's ESP power rating. Typical operational hours of the engine is 200 hours per year, with a maximum usage of 500 hours per year. This includes an annual maximum of 25 hours per year at the ESP power rating. No overload capability is allowed. The engine is not to be used for sustained utility paralleling applications.

STANDARD REFERRED

ISO 8528-1, ISO 3046, DIN6271. Performance tolerance of ±5%.

Email:Abdullah@Voltagenerators.com

VGB-284 TA DIESEL GENERATOR



GENERATOR OUTPUT

TEMPERATURE	PRIME	STANDBY
50 C	284 KVA	312.4 KVA
50 C	227.2 KW	249.92 KW

Frequency: 60Hz
Voltage: 400 V
Engine Speed: 1800 RPM
Fule Tank Run Time: 12hrs @ 75% load

BAUDOQUIN MOTEURS

FEATURES

Low in fuel consumption

Low exhaust emissions

DURABILITY AND LOW NOIS

70 dB(A) @ 7M +- 3dB(A)

ELECTRICAL SYSTEM

24V negative earthed starter, battery charging alternator.

FILTERING SYSTEM

Heavy Duty Air Cleaner



LEROY-SOMER ALTERNATOR

APPLICATIONS

The TAL alternator range is designed to meet the needs of general applications such as prime power and stand-by.



STANDARD OF COMPLIANCE

The TAL range complies with international standards and regulations: IEC 60034 and derivative.

The range is designed, manufactured and marketed in an ISO 9001 and 14001 environment.

TOP OF THE RANGE ELECTRICAL PERFORMANCE :

Class H insulation

Standard 6(12 option) wire re-connectable winding, and 2/3 pitch High efficiency and motor starting capacity

DEEP SEA CONTROLLER DSE6120 MKI

The DSE4520 module monitors the engine, indicating the operational status and fault conditions.

automatically shutting down the engine and giving a true first up fault condition of an engine failure by the text LCD display.



Features

Text based LCD display

True RMS Voltage

Current and Power monitoring

USB Communications

Engine parameter monitoring.

Fully configurable inputs for use as alarms or a range of different functions.

Data Logging

GENERATOR SPECIFICATIONS

Engine

Manufacturer Baudouin Moteurs
Engine Model 6M16G6D0/S
Engine Speed 1800 RPM
Type In-Line, 4 cycle
Number of Cylinder 6
Bore x Stroke 126 x 130 mm
Displacement 9.726 L
Compression Ratio 17:01
Fuel System Mechanical Pump
Governor Electronic
Fuel Consumption at 75% load 46.2 L/h (prime)
Flywheel SAE 1/14"

Alternator

Manufacturer LEROY-SOMER
Model TAL046D
Control System Shunt Excitation
Voltage Regulation +/- 1%
Insulation Class Class H
Protection IP23
Rated Power Factor 0.8
Stator Winding Double Layer Lap
Winding Pitch 2/3
Winding Leads 6 (12 option)
Total Harmonic Distortion THD No Load < 2%
Total Harmonic Distortion In linear load THD < 5%
Maximum Overspeed 2250 R.P.M

Overall Specification

Dimensions (L x W x H) 2250 x 964 x 1520 mm
Wet Weight 1702 kg
Sound Level: 78 dB(A) @ 7m +- 3 dB(A)
Ambient Temperature 50 °C
Altitude 0 m
Relative Humidity Below 90%
Coolant capacity 42 L
Fuel Tank Capacity 369.6 litres
Total oil capacity (including filters) 22 L

CONDITIONS AND DEFINITIONS

PRIME POWER RATING

Prime Power is the maximum power available for unlimited hours of usage in a variable load application. The average load factor should not exceed 70% of the engine's PRP power rating during any 24 hour period. An overload capability of 10% is available, however, this is limited to 1 hour within every 12 hour period.

STANDBY POWER RATING

Emergency Standby Power is the maximum power available for a varying load for the duration of a main power network failure. The average load factor over 24 hours of operation should not exceed 70% of the engine's ESP power rating. Typical operational hours of the engine is 200 hours per year, with a maximum usage of 500 hours per year. This includes an annual maximum of 25 hours per year at the ESP power rating. No overload capability is allowed. The engine is not to be used for sustained utility paralleling applications.

STANDARD REFERRED

ISO 8528-1, ISO 3046, DIN6271. Performance tolerance of ±5%.

Email: Abdullah@Vtagenerators.com



VGB-390 TA DIESEL GENERATOR



GENERATOR OUTPUT

TEMPERATURE	PRIME	STANDBY
50 C	390 KVA	429 KVA
50 C	312 KW	343.2 KW

Frequency: 60Hz
Voltage: 400 V
Engine Speed: 1800 RPM
Fuel Tank Run Time: 12hrs @ 75% load

BAUDOQUIN MOTEURS

FEATURES

Low in fuel consumption
Low exhaust emissions

DURABILITY AND LOW NOIS

70 dB(A) @ 7M +/- 3dB(A)

ELECTRICAL SYSTEM

24V negative earthed starter, battery charging alternator.

FILTERING SYSTEM

Heavy Duty Air Cleaner

LEROY-SOMER ALTERNATOR

APPLICATIONS

The TAL alternator range is designed to meet the needs of general applications such as prime power and stand-by.



STANDARD OF COMPLIANCE

The TAL range complies with international standards and regulations: IEC 60034 and derivative.

The range is designed, manufactured and marketed in an ISO 9001 and 14001 environment.

TOP OF THE RANGE ELECTRICAL PERFORMANCE :

Class H insulation

Standard 6(12 option) wire re-connectable winding, and 2/3 pitch High efficiency and motor starting capacity

DEEP SEA CONTROLLER DSE6120 MKI

The DSE4520 module monitors the engine, indicating the operational status and fault conditions. automatically shutting down the engine and giving a true first up fault condition of an engine failure by the text LCD display.



Features

Text based LCD display
True RMS Voltage
Current and Power monitoring
USB Communications
Engine parameter monitoring.
Fully configurable inputs for use as alarms or a range of different functions.
Data Logging

GENERATOR SPECIFICATIONS

Engine

Manufacturer Baudouin Moteurs
Engine Model 6M21G2D0/S
Engine Speed 1800 RPM
Type In-Line, 4 cycle
Number of Cylinder 6
Bore x Stroke 127 x 165 mm
Displacement 12.54 L
Compression Ratio 16:01
Fuel System Mechanical Pump
Governor Electronic
Fuel Consumption at 75% load 64.9 L/h (prime)
Flywheel SAE 1/14"

Alternator

Manufacturer LEROY-SOMER
Model TAL046H
Control System Shunt Excitation
Voltage Regulation +/- 1%
Insulation Class Class H
Protection IP23
Rated Power Factor 0.8
Stator Winding Double Layer Lap
Winding Pitch 2/3
Winding Leads 6 (12 option)
Total Harmonic Distortion THD No Load < 2%
Total Harmonic Distortion In linear load THD < 5%
Maximum Overspeed 2250 R.P.M
Overall Specification
Dimensions (L x W x H) 2250 x 964 x 1520 mm
Wet Weight 2118 kg
Sound Level: 78 dB(A) @ 7m +/- 3 dBA
Ambient Temperature 50 °C
Altitude 0 m
Relative Humidity Below 90%
Coolant capacity 45 L
Fuel Tank Capacity 519.2 litres
Total oil capacity (including filters) 30 L

CONDITIONS AND DEFINITIONS

PRIME POWER RATING

Prime Power is the maximum power available for unlimited hours of usage in a variable load application. The average load factor should not exceed 70% of the engine's PRP power rating during any 24 hour period. An overload capability of 10% is available, however, this is limited to 1 hour within every 12 hour period.

STANDBY POWER RATING

Emergency Standby Power is the maximum power available for a varying load for the duration of a main power network failure. The average load factor over 24 hours of operation should not exceed 70% of the engine's ESP power rating. Typical operational hours of the engine is 200 hours per year, with a maximum usage of 500 hours per year. This includes an annual maximum of 25 hours per year at the ESP power rating. No overload capability is allowed. The engine is not to be used for sustained utility paralleling applications.

STANDARD REFERRED

ISO 8528-1, ISO 3046, DIN6271. Performance tolerance of ±5%.

Email: Abdullah@Vtagenerators.com

VGB-500 TA DIESEL GENERATOR



GENERATOR OUTPUT

TEMPERATURE	PRIME	STANDBY
50 C	500 KVA	550 KVA
50 C	400 KW	440 KW

Frequency: 60Hz
Voltage: 400 V
Engine Speed: 1800 RPM
Fule Tank Run Time: 12hrs @ 75% load

BAUDOUIIN MOTEURS

FEATURES

Low in fuel consumption
Low exhaust emissions



DURABILITY AND LOW NOIS
70 dB(A) @ 7M +/- 3dB(A)

ELECTRICAL SYSTEM

24V negative earthed starter, battery charging alternator.

FILTERING SYSTEM

Heavy Duty Air Cleaner

LEROY-SOMER ALTERNATOR

APPLICATIONS

The TAL alternator range is designed to meet the needs of general applications such as prime power and stand-by.



STANDARD OF COMPLIANCE

The TAL range complies with international standards and regulations: IEC 60034 and derivative.

The range is designed, manufactured and marketed in an ISO 9001 and 14001 environment.

TOP OF THE RANGE ELECTRICAL PERFORMANCE :

Class H insulation

Standard 6(12 option) wire re-connectable winding, and 2/3 pitch High efficiency and motor starting capacity

DEEP SEA CONTROLLER DSE6120 MKI

The DSE4520 module monitors the engine, indicating the operational status and fault conditions.

automatically shutting down the engine and giving a true first up fault condition of an engine failure by the text LCD display.



Features

Text based LCD display
True RMS Voltage
Current and Power monitoring
USB Communications
Engine parameter monitoring.
Fully configurable inputs for use as alarms or a range of different functions.
Data Logging

GENERATOR SPECIFICATIONS

Engine

Manufacturer Baudouin Moteurs
Engine Model 6M21G8D0/S
Engine Speed 1800 RPM
Type In-Line, 4 cycle
Number of Cylinder 6
Bore x Stroke 127 x 165 mm
Displacement 12.54 L
Compression Ratio 16:01
Fuel System Mechanical Pump
Governor Electronic
Fuel Consumption at 75% load 77.8 L/h (prime)
Flywheel SAE 1/14"

Alternator

Manufacturer LEROY-SOMER
Model TAL0473F
Control System Shunt Excitation
Voltage Regulation +/- 1%
Insulation Class Class H
Protection IP23
Rated Power Factor 0.8
Stator Winding Double Layer Lap
Winding Pitch 2/3
Winding Leads 6 (12 option)
Total Harmonic Distortion THD No Load < 2%
Total Harmonic Distortion In linear load THD < 5%
Maximum Overspeed 2250 R.P.M

Overall Specification

Dimensions (L x W x H) 2250 x 964 x 1520 mm
Wet Weight 2702 kg
Sound Level: 78 dB(A) @ 7m +/- 3 dBA
Ambient Temperature 50 °C
Altitude 0 m
Relative Humidity Below 90%
Coolant capacity 62 L
Fuel Tank Capacity 622.4 litres
Total oil capacity (including filters) 34 L

CONDITIONS AND DEFINITIONS

PRIME POWER RATING

Prime Power is the maximum power available for unlimited hours of usage in a variable load application. The average load factor should not exceed 70% of the engine's PRP power rating during any 24 hour period. An overload capability of 10% is available, however, this is limited to 1 hour within every 12 hour period.

STANDBY POWER RATING

Emergency Standby Power is the maximum power available for a varying load for the duration of a main power network failure. The average load factor over 24 hours of operation should not exceed 70% of the engine's ESP power rating. Typical operational hours of the engine is 200 hours per year, with a maximum usage of 500 hours per year. This includes an annual maximum of 25 hours per year at the ESP power rating. No overload capability is allowed. The engine is not to be used for sustained utility paralleling applications.

STANDARD REFERRED

ISO 8528-1, ISO 3046, DIN6271. Performance tolerance of ±5%.

Email: Abdullah@Voltagenerators.com

VGB-750 TA DIESEL GENERATOR



GENERATOR OUTPUT

TEMPERATURE	PRIME	STANDBY
50 C	750 KVA	825 KVA
50 C	600 KW	660 KW

Frequency: 60Hz
Voltage: 400 V
Engine Speed: 1800 RPM
Fuel Tank Run Time: 12hrs @ 75% load

BAUDOJIN MOTEURS

FEATURES

Low in fuel consumption

Low exhaust emissions

DURABILITY AND LOW NOIS

70 dB(A) @ 7M +- 3dB(A)

ELECTRICAL SYSTEM

24V negative earthed starter, battery charging alternator.

FILTERING SYSTEM

Heavy Duty Air Cleaner

LEROY-SOMER ALTERNATOR

APPLICATIONS

The TAL alternator range is designed to meet the needs of general applications such as prime power and stand-by.



STANDARD OF COMPLIANCE

The TAL range complies with international standards and regulations: IEC 60034 and derivative.

The range is designed, manufactured and marketed in an ISO 9001 and 14001 environment.

TOP OF THE RANGE ELECTRICAL PERFORMANCE :

Class H insulation

Standard 6(12 option) wire re-connectable winding, and 2/3 pitch High efficiency and motor starting capacity

DEEP SEA CONTROLLER DSE6120 MKI

The DSE4520 module monitors the engine, indicating the operational status and fault conditions.

automatically shutting down the engine and giving a true first up fault condition of an engine failure by the text LCD display.



Features

Text based LCD display

True RMS Voltage

Current and Power monitoring

USB Communications

Engine parameter monitoring.

Fully configurable inputs for use as alarms or a range of different functions.

Data Logging

GENERATOR SPECIFICATIONS

Engine

Manufacturer: Baudouin Moteurs
Engine Model: 6M33G6D0/S
Engine Speed: 1800 RPM
Type: In-Line, 4 cycle
Number of Cylinder: 6
Bore x Stroke: 150x185 mm
Displacement: 9.25 L
Compression Ratio: 15:01
Fuel System: Mechanical Pump
Governor: Electronic
Fuel Consumption at 75% load: 116.1 L/h (prime)
Flywheel: SAE 1/14"

Alternator

Manufacturer: LEROY-SOMER
Model: TAL049C
Control System: Shunt Excitation
Voltage Regulation: +/- 1%
Insulation Class: Class H
Protection: IP23
Rated Power Factor: 0.8
Stator Winding: Double Layer Lap
Winding Pitch: 2/3
Winding Leads: 6 (12 option)
Total Harmonic Distortion THD: No Load < 2%
Total Harmonic Distortion In linear load THD < 5%
Maximum Overspeed: 2250 R.P.M

Overall Specification

Dimensions (L x W x H): 2250 x 964 x 1520 mm
Wet Weight: 4324 kg
Sound Level: 78 dB(A) @ 7m +- 3 dBA
Ambient Temperature: 50 °C
Altitude: 0 m
Relative Humidity: Below 90%
Coolant capacity: 159 L
Fuel Tank Capacity: 928.8 litres
Total oil capacity (including filters): 61 L

CONDITIONS AND DEFINITIONS

PRIME POWER RATING

Prime Power is the maximum power available for unlimited hours of usage in a variable load application. The average load factor should not exceed 70% of the engine's PRP power rating during any 24 hour period. An overload capability of 10% is available, however, this is limited to 1 hour within every 12 hour period.

STANDBY POWER RATING

Emergency Standby Power is the maximum power available for a varying load for the duration of a main power network failure. The average load factor over 24 hours of operation should not exceed 70% of the engine's ESP power rating. Typical operational hours of the engine is 200 hours per year, with a maximum usage of 500 hours per year. This includes an annual maximum of 25 hours per year at the ESP power rating. No overload capability is allowed. The engine is not to be used for sustained utility paralleling applications.

STANDARD REFERRED

ISO 8528-1, ISO 3046, DIN6271. Performance tolerance of ±5%.

Email: Abdullah@vtagenerators.com

VGB-1000 TA DIESEL GENERATOR



GENERATOR OUTPUT

TEMPERATURE	PRIME	STANDBY
50 C	1000 KVA	1100 KVA
50 C	800 KW	880 KW

Frequency: 60Hz
Voltage: 400 V
Engine Speed: 1800 RPM
Fuel Tank Run Time: 12hrs @ 75% load

BAUDOUIIN MOTEURS

FEATURES

Low in fuel consumption
Low exhaust emissions

DURABILITY AND LOW NOIS

70 dB(A) @ 7M +/- 3dB(A)

ELECTRICAL SYSTEM

24V negative earthed starter, battery charging alternator.

FILTERING SYSTEM

Heavy Duty Air Cleaner



LEROY-SOMER ALTERNATOR

APPLICATIONS

The TAL alternator range is designed to meet the needs of general applications such as prime power and stand-by.



STANDARD OF COMPLIANCE

The TAL range complies with international standards and regulations: IEC 60034 and derivative.

The range is designed, manufactured and marketed in an ISO 9001 and 14001 environment.

TOP OF THE RANGE ELECTRICAL PERFORMANCE :

Class H insulation

Standard 6(12 option) wire re-connectable winding, and 2/3 pitch High efficiency and motor starting capacity

DEEP SEA CONTROLLER DSE6120 MKI

The DSE4520 module monitors the engine, indicating the operational status and fault conditions.

automatically shutting down the engine and giving a true first up fault condition of an engine failure by the text LCD display.



Features

Text based LCD display
True RMS Voltage
Current and Power monitoring
USB Communications
Engine parameter monitoring.
Fully configurable inputs for use as alarms or a range of different functions.
Data Logging

GENERATOR SPECIFICATIONS

Engine

Manufacturer Baudouin Moteurs
Engine Model 12M26G2D0/S
Engine Speed 1800 RPM
Type In-Line, 4 cycle
Number of Cylinder 12
Bore x Stroke 150x150 mm
Displacement 31.8 L
Compression Ratio 15.7 : 1
Fuel System Mechanical Pump
Governor Electronic
Fuel Consumption at 75% load 164 L/h (prime)
Flywheel SAE 1/14"

Alternator

Manufacturer LEROY-SOMER
Model TAL049E
Control System Shunt Excitation
Voltage Regulation +/- 1%
Insulation Class Class H
Protection IP23
Rated Power Factor 0.8
Stator Winding Double Layer Lap
Winding Pitch 2/3
Winding Leads 6 (12 option)
Total Harmonic Distortion THD No Load < 2%
Total Harmonic Distortion In linear load THD < 5%
Maximum Overspeed 2250 R.P.M

Overall Specification

Dimensions (L x W x H) 2250 x 964 x 1520 mm
Wet Weight 5457 kg
Sound Level: 78 dB(A) @ 7m +/- 3 dBA
Ambient Temperature 50 °C
Altitude 0 m
Relative Humidity Below 90%
Coolant capacity 154 L
Fuel Tank Capacity 1312 litres
Total oil capacity (including filters) 109 L

CONDITIONS AND DEFINITIONS

PRIME POWER RATING

Prime Power is the maximum power available for unlimited hours of usage in a variable load application. The average load factor should not exceed 70% of the engine's PRP power rating during any 24 hour period. An overload capability of 10% is available, however, this is limited to 1 hour within every 12 hour period.

STANDBY POWER RATING

Emergency Standby Power is the maximum power available for a varying load for the duration of a main power network failure. The average load factor over 24 hours of operation should not exceed 70% of the engine's ESP power rating. Typical operational hours of the engine is 200 hours per year, with a maximum usage of 500 hours per year. This includes an annual maximum of 25 hours per year at the ESP power rating. No overload capability is allowed. The engine is not to be used for sustained utility paralleling applications.

STANDARD REFERRED

ISO 8528-1, ISO 3046, DIN6271. Performance tolerance of ±5%.

Email: Abdullah@vtagenerators.com

VGB-1250 TA DIESEL GENERATOR



GENERATOR OUTPUT

TEMPERATURE	PRIME	STANDBY
50 C	1250 KVA	1375 KVA
50 C	1000 KW	1080 KW

Frequency: 60Hz
Voltage: 400 V
Engine Speed: 1800 RPM
Fuel Tank Run Time: 12hrs @ 75% load

BAUDOQUIN MOTEURS

FEATURES

Low in fuel consumption
Low exhaust emissions



DURABILITY AND LOW NOIS
70 dB(A) @ 7M +- 3dB(A)

ELECTRICAL SYSTEM

24V negative earthed starter, battery charging alternator.

FILTERING SYSTEM

Heavy Duty Air Cleaner

LEROY-SOMER ALTERNATOR

APPLICATIONS

The TAL alternator range is designed to meet the needs of general applications such as prime power and stand-by.



STANDARD OF COMPLIANCE

The TAL range complies with international standards and regulations: IEC 60034 and derivative.

The range is designed, manufactured and marketed in an ISO 9001 and 14001 environment.

TOP OF THE RANGE ELECTRICAL PERFORMANCE :

Class H insulation
Standard 6(12 option) wire re-connectable winding, and 2/3 pitch High efficiency and motor starting capacity

DEEP SEA CONTROLLER DSE6120 MKI

The DSE4520 module monitors the engine, indicating the operational status and fault conditions.

automatically shutting down the engine and giving a true first up fault condition of an engine failure by the text LCD display.



Features

Text based LCD display
True RMS Voltage
Current and Power monitoring
USB Communications
Engine parameter monitoring.
Fully configurable inputs for use as alarms or a range of different functions.
Data Logging

GENERATOR SPECIFICATIONS

Engine

Manufacturer Baudouin Moteurs
Engine Model 12M33G2D0/S
Engine Speed 1800 RPM
Type In-Line, 4 cycle
Number of Cylinder 12
Bore x Stroke 150x185 mm
Displacement 392 L
Compression Ratio 15 : 1
Fuel System Mechanical Pump
Governor Electronic
Fuel Consumption at 75% load 205.9 L/h (prime)
Flywheel SAE 0/18"

Alternator

Manufacturer LEROY-SOMER
Model TAL049E
Control System Shunt Excitation
Voltage Regulation +/- 1%
Insulation Class Class H
Protection IP23
Rated Power Factor 0.8
Stator Winding Double Layer Lap
Winding Pitch 2/3
Winding Leads 6 (12 option)
Total Harmonic Distortion THD No Load < 2%
Total Harmonic Distortion In linear load THD < 5%
Maximum Overspeed 2250 R.P.M

Overall Specification

Dimensions (L x W x H) 5800x 2150 x 2370 mm
Wet Weight 5457 kg
Sound Level: 78 dB(A) @ 7m +- 3 dBA
Ambient Temperature 50 °C
Altitude 0 m
Relative Humidity Below 90%
Coolant capacity 167 L
Fuel Tank Capacity 1312 litres
Total oil capacity (including filters) 155L

CONDITIONS AND DEFINITIONS

PRIME POWER RATING

Prime Power is the maximum power available for unlimited hours of usage in a variable load application. The average load factor should not exceed 70% of the engine's PRP power rating during any 24 hour period. An overload capability of 10% is available, however, this is limited to 1 hour within every 12 hour period.

STANDBY POWER RATING

Emergency Standby Power is the maximum power available for a varying load for the duration of a main power network failure. The average load factor over 24 hours of operation should not exceed 70% of the engine's ESP power rating. Typical operational hours of the engine is 200 hours per year, with a maximum usage of 500 hours per year. This includes an annual maximum of 25 hours per year at the ESP power rating. No overload capability is allowed. The engine is not to be used for sustained utility paralleling applications.

STANDARD REFERRED

ISO 8528-1, ISO 3046, DIN6271. Performance tolerance of ±5%.

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