



Portable Power

Datasheet
Global Export Generators

G60



Ratings

50 Hz

400/230V

Ratings	kW	kVA
Standby	53	66
Prime	50	63
Circuit breaker (Amps)	100	

Engine

Prime rating

Engine manufacturer	Cummins
Engine model	S3.8G7
Configuration	4 Cycle; In-line; 4 Cylinder Diesel
Aspiration	Charge Air & Jacket Water Cooled
Net engine power output, kW _m	57.6
Bore, mm	97
Stroke, mm	128
Rated speed, rpm	1500
Compression ratio	
Lube oil capacity, L	11
Governor Type	Mechanical
Starting voltage	12 Volts DC
Speed regulation	G2
Emission Level Compliance	None

Alternator

Alternator Manufacturer	Stamford
Alternator Model	S1L2-Y1
Voltage regulation	+/- 1%
Excitation system STD/OPT	Self Excited/Aux winding
Impregnation	Std
IP rating	IP23

Cooling

Fan load, KW _m	2
Coolant capacity (with radiator), L	7
Cooling system air flow, m ³ /sec @ 12.7mmH ₂ O	0.99
Limited Ambient Temperature	50

Fuel Tank

	Open	Enclosed
Standard tank capacity (L)	170	170
Standard tank autonomy @ 75 % load - Prime (Hours)	15	15

Fuel Consumption

Prime 25% (Litres/hr)	4.5
Prime 50% (Litres/hr)	6.1
Prime 75% (Litres/hr)	11
Prime 100% (Litres/hr)	14.7

Electrical

Battery type	1x12V
Battery Capacity (Ah)	70
Battery Cold Cranking Amps	600
Main circuit breaker - Brand	ABB
Main circuit breaker -STD/OPT	3P/4P
Main circuit breaker - Amps	100

Control Panel

Brand	Deep Sea Electronics
Reference	6010
Control panel Option	7320

Dimensions and Weight*

	Open	Enclosed
Length x Width x Height	1950x1100x1386	2450x1100x1900
Unit dry weight kgs	TBD	1350

* Weight represents a set with standard features.

Noise

Measured LWA	TBD
Average Noise level @ 1m @ 75 % load dB(A)	TBD
Average Noise level @ 7m @ 75 % load dB(A)	<70

OPTIONS

- Battery Isolator Switch
- Engine water heater and battery charger
- Fuel level sensor and low level automatic shutdown
- Customised canopy colour
- 15 and 25 dB silencers (mufflers) for open frames with fixing and seals
- AMF Deep Sea 7320 control Panel
- Automatic Transfer Switch



DEEP SEA PANEL FEATURES		DSE 6010 Mk II	DSE 7320 MkII
Measurements	AC voltage phase-phase and phase-neutral	•	•
	AC amps per phase	•	•
	Frequency	•	•
	kVA - kVAr - kW - Power factor	•	•
	Engine hours	•	•
	Engine speed (RPM)	•	•
	Engine oil pressure	•	•
	Engine coolant temperature	•	•
	Fuel level	•	•
	Battery voltage	•	•
Indicators	System in Auto Mode LED	•	•
	System in Manual Mode LED	•	•
	Shutdown Alarm LED (configurable)	•	•
	Warning Alarm LED (configurable)	•	•
	Generator availability - generator breaker LED	•	•
Shutdowns and Warnings	Low oil pressure shutdown	•	•
	High coolant temperature shutdown	•	•
	Engine over-under speed shutdown	•	•
	Engine over-under voltage shutdown	•	•
	Engine kW/Amps overload shutdown	•	•
	Engine overcrank warning/shutdown	•	•
	Battery charge fail warning	•	•
Miscellaneous	Buttons for start/stop/mode/fault reset	•	•
	Auto-Start mode	•	•
	LCD screen backlight	•	•
	USB connection port	•	•
	Memory storage capacity for 50 historical events	•	•
	IP65 with optional sealing gasket	○	○
	Front panel configuration with PIN protection		•
	Configurable digital inputs	6	8
	Configurable Volt Free relay output		2
	Automatic load transfer control		•
	Configureable 5 stage dummy load and load shedding output		•
Multiple display languages		•	
Five Keys menu navigation		•	