

OPTIONS

Control Panel: AMF,
Base Load/Key start or
Synchronised

Build Configuration:
Open Build, Weather
Proof Build, and Sound
Attenuated Build or
Super Silent Build

Powder Coated
Generator Housing
(Sound Attenuated Unit)



FEATURES

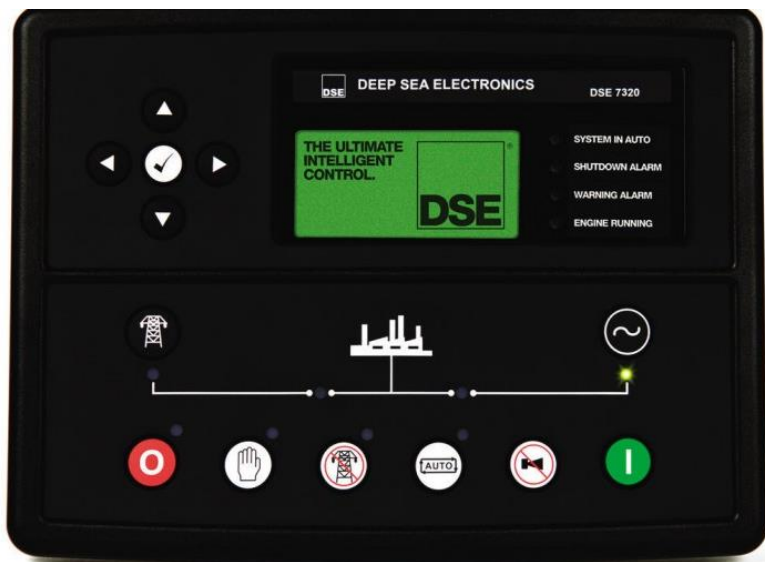
- Set-mounted, integrated AMF/ATS (AMF configured unit only)
- Deep Sea 7320 AMF PLC (AMF only)
- Deep Sea Battery Charger 24V
- Integrated Base Fuel Tank
- Emergency Stop Functionality
- Modular, Compact Design
- Water Jacket Heater standard on all units
- 3CR12 Residential Silencer
- Structural manufacturing, design and assembly done in-house

CHANGEOVER – ATS SYSTEM

- Kutai or ABB 3 pole Fixed ACB's
- Electrically & Mechanically Interlocked Mains In / Generator Change over Configuration
- Breakers Fitted with Ekip or Ekip touch Trip Units for Integral Short Circuit and Overcurrent Protection

AUXILIARY/STATIONARY FEATURES

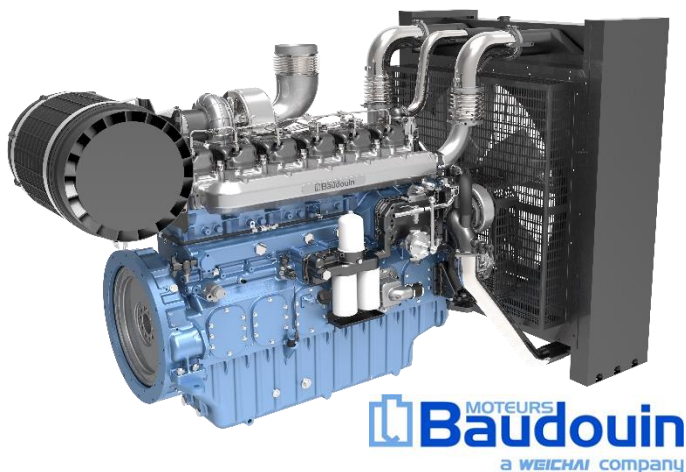
- On board 12Vdc Regulated Battery Charger
- Water Jacket Heater
- Optional Manual / Automatic Refuelling Systems Available



CONTROL PANEL FEATURES:

- Full AMF – Auto Start Controller
- Intuitive Mains (Utility) Supply Monitoring
- Integral ATS Control & Monitoring
- Integral Engine / Alternator Management & Protection
- Optional Remote Monitoring & Control via WEBNET or GSM Modem
- Enhanced flexibility and True Customisation through integral PLC Editor
- Real Time Clock Provides Accurate Event Logging
- Advanced Engine Management via CANBUS on Electronic Engines

DEEP SEA AMF 7320 CONTROL MODULE



ENGINE PROTECTION	ALTERNATOR PROTECTION
Low Oil Pressure	Under/Over Frequency
High & Low Engine Temp	Over Current/Short Circuit
Low Fuel Level	Under/Over Voltage
High & Low Battery Voltage	Phase Rotational Reversal
Maintenance Alarm	Phase Loss

NWB 450 SPECIFICATIONS

MODEL				NWB450
GROUP	GEN-SET POWER	Stand By	kVA	495
		Prime	kVA	450
	Canopy Dimension	Open Build	(L/W/H)	3700/1500/2610
		Soundproof	(L/W/H)	4000/1500/2190
	Weight (Approx)	Open Build	Kg	3060
		Soundproof	Kg	4040
	Fuel Tank Capacity		Ltrs	880
ENGINE	Brand			BAUDOUIN
	Model			6M21G500/5
	Net Engine Output	DCP	kWM	376.9
		DCP	BHP	505.4
	Speed		RPM	1500
	Cycle			Diesel 4 Stroke
	Displacement		Ltrs	15.9
	Number of Cylinders			6 In Line
	Bore & Stroke		mm x mm	150 x 150
	Compression Ratio			15.7:1
	Governor Type			Electronic
	Induction			Turbocharged & After cooled
	Combustion System			Direct Injection
	Cooling System			Liquid (water + 50% antifreeze)
	Fuel Consumption	100% of PRP	L/hr	94.8
		75% of PRP	L/hr	71.2
		50% of PRP	L/hr	49.9
	Total Lubrication System Capacity		Ltrs	55
	Total Engine Coolant Capacity		Ltrs	38.7
ALTERNATOR	Brand			LEROY SOMER
	Model			LSA 47.2 S5
	Speed & Frequency Voltage			1500 RPM 50HZ 400/231V
	Insulation			H/H
	Protection			IP 23
	Excitation			AREP- Patented ,Sustained Short Circuit Protection Rated @ 3 x Full Load Current for 10 seconds
	Voltage Regulation			Analogue R450 $\pm 0.5\%$
	Efficiency	100% Load	@ 0.8 PF	93.8
		75% Load	@ 0.8 PF	94.4
		50% Load	@ 0.8 PF	94.5
		25% Load	@ 0.8 PF	93.8
	Terminal Leads			6