

ECO-C50 SPECIFICATIONS

50KVA



Powered by



GENERAL

Model	ECO-C52
Power Factor (Cosφ)	1.0
Standby Power (Kw/Kva)	52 / 52
Prime Power (Kw/Kva)	52 / 52

ENGINE

Engine Make and Model	CUMMISN 4BTA3.9-G2
Engine Type	Water-cooled, in line, 4 stroke, 1800rpm
Fuel Type	Diesel Oil
Aspiration	Turbocharged
Engine Prime Power (Kw/HP)	60 / 81
Engine Standby Power (Kw/PS)	66 / 90
No. of cylinders-Bore×stroke (mm)	4-φ102×120
Displacement (L)	3.9
Compression ratio	17.3:1
Governor type	Electrial
Starting System	24V Starter
Lubricating System	Forced Feed
Speed Regulation	±0.25%
Lubrication Oil capacity (L)	10.9
Coolant capacity (engine only) (L)	8.3
Fuel Consumption @100 Load (L)	17

ALTERNATOR

Engine Make and Model	Mecc- Alte ECP32 2M 4B
Frequency (Hz) & Voltage	60HZ & 230V
Rated Power (Kw/Kva)	50 / 50
Standby Power (Kw/Kva)	52 / 52
Power Factor (Cosφ)	1.0
No. of Phases	1 phas, 2 wires
Power Efficiency	92.1%
Type	4 pole, Rotating Field
Exciter Type	Brushless, self excited
Regulator Type	DSR
Insulation	H Class
Winding Pitch	2/3
Protection Class	IP 23
Altitude (m)	≤1000
Voltage regulation	±1%

STANDARD FEATURES

- ▲ Original CUMMINS Engine
- ▲ European quality Mecc Alte alternator
- ▲ Compact structure
- ▲ Easy operation and maintenance
- ▲ Compliance with international electrical safety standards of electrical system
- ▲ High-performance maintenance-free batteries with isolation switch
- ▲ Top lifting, forklift bottom hole design easy to transport
- ▲ Industrial muffler
- ▲ Customized design for user

CONTROL SYSTEM

Main feature

Electronic J1939 (CAN) and nonelectronic MPU and alternator sensing engine support for diesel, gas and petrol engines all in one variant. The DSE7320 will also monitor the mains (utility) supply. It is an Auto Mains Failure Control Module suitable for a wide variety of single, diesel or gas, genset applications. Monitoring speed frequency, current, oil pressure, coolant temperature, and fuel level, the module will display warnings, shutdown and engine status information on the back-lit LCD screen and illuminated LED



OPTION DEVICES

- ▲ Automatic transfer switch (ATS)
- ▲ Synchronizing System

OTHER INFORMATION

Type	Dimensions (LxWxH) (mm)	Dry Weight (kg)	Fuel Tank Capacity (L)	Noise Level (dB)
Open	1900x850x1100	820	140	-
Silent	2350x1000x1290	1420	170	70

Specifications are subject to change without notice