

TECHNICAL SPECIFICATIONS

Genset Rating (kVA)	500	525
DG Model	M500DR	M525DR
Power Rating (kWe)	400	420
No. of Phases	3	3
Output Voltage (V)	415	415
Power Factor (lagging)	0.8	0.8
Current (A) (3Phase)	695	730
Frequency (Hz)/ RPM	50/1500	50/1500
Governing Class	G3	G3
Starting System (volt)	24	24
Fuel Tank Capacity (lit)	800	800
Genset Weight Dry	TBC	TBC
Genset Dimension (LxWxH) (mm)	5800 X 2200 X 2300	5800 X 2200 X 2300
Controller Model	DSE7320	DSE7320
Engine Specifications		
Make	Perkins	Perkins
Model	2806FA-E18TAG1	2806FA-E18TAG1
Fuel system	Electronic	Electronic
Rated Power Output (Hp)	605	605
Compression Ratio	16:01	16:01
Aspiration	TCAC	TCAC
No. of Cylinders	6	6
Bore x Stroke (mm)	145 x 183	145 x 183
Displacement (Ltr)	18.1	18.1
Lube Oil Specification	15W40 CI4+	15W40 Ci4+
Total Lube Oil capacity (lit)	74	74
Lube Oil Change Period (hrs.)	500Hrs	500Hrs
System (Engine & radiator) Coolant Capacity (lit)	85	85
DEF Capacity (Lit)	66	66
Alternator Specifications		
Make	CG/LS/Equivalent	CG/LS/Equivalent
Enclosure Type	IP23	IP23
Voltage Regulation	+/- 1%	+/- 1%
Class of Insulation	H	H
Maximum Unbalanced load across Phases	25%	25%
Total Harmonic distortion	AT NO LOAD <2.5%	AT NO LOAD <2.5%

All Specifications are at Standard NTP operating conditions

• # Engine Power at 100 % load • Warranty 1 yr unlimited hours, 500hrs per year upto 1500hrs for 3 years

Disclaimer: Technical data and specifications are subject to change without notice.