

OLA-12-500-MH Specification

Items	Characteristics
Model	12.8V500Ah/6400Wh
Replaces Gel-AGM battery	12.8V 6400Ah
Cell type	Prismatic cell
Dimension with terminals (L x W x H)	358/340*356*190mmmm
Weight (No Accessories)	46kg
Cycle Life	>6000@80%D.o.D
Internal Resistance	$\leq 7 \text{ m}\Omega$
Recommended Charge Voltage	14.6V
Float Charge Voltage(For standby use)	13.8 $\pm$ 0.8V
Recommended Charge Current	100A
Max Charge Current	300A
Continuous Discharge Current	300A
Peak Discharge Cut-Off Current	900A (200~500ms)
Operating Voltage Range	10 - 14.6V
End of Discharge Voltage Range	10 - 11.2V
Terminal Type	M 8
Ingress Protection Code	IP20
Charge Temperature	0~50°C
Discharge Temperature	-20~75°C
Storage Temperature	-5~35°C
Heater Operating Temperature	-35~5°C
Storage Condition	Charging the battery every 3 months
Series & Parallel Availability	Maximum 4 pcs in series and 4 pcs in parallel
Certifications	CE/UL/UN38.3 /MSDS /ROHS/UN 3480/CLASS9/ECE R10