



GP512V105

51.2V 105Ah

Data Sheet

Dimension L*W*H:

18.3 * 12.4 * 9.8 inch

Weight:

98.8 lbs

GENERAL

Working Voltage	41.6V-58.4V
Nominal Capacity	105Ah
Energy	5376 Wh
Reserve @25A	252 minutes
Self Discharge	1% per month

CHARGING

Recom. Charging Current	50 A
Max Charging Current	100 A
Bulk Voltage	57.0 V
BMS High Voltage Cutoff	58.4 V
Temp. Range	32°F ~ 113°F

55 Miles

MAX RANGE

5376 Wh

USABLE ENERGY

10 Years

LIFESPAN

4500+

DEEP CYCLE LIFE

DISCHARGING

Max Continuous Discharge	250 A
Max Discharge 0.1 Sec	1000 A
Max Discharge 10 Sec	340 A
BMS Voltage Cutoff	41.6 V
BMS Voltage Recovery	44.8 V
Temp. Range	-4°F ~ 131°F

SAFETY

Charging Freeze Protection	<32°F
Pack Over/Under Voltage	✓
Cell Over/Under Voltage	✓
BMS Over Temp.	✓
Short Circuit /Over Current	✓
Cell Chemistry	FLP
Cell Configuration	16S1P
IP Rating	IP65
UN Shipping Class	UN3480
Certifications	UN38.3 MSDS CE UL