

**VOLT POWER PRODUCTS LiFePO4 Battery****General specification of 51 V 105 Ah Golf cart battery**

Electrical Characteristics		
Nominal Voltage	51.2	V
Nominal Capacity	105	Ah
Energy	5376	Wh
Max Charge Voltage	58.4	V
Cut off Voltage	42.4	V
Charge current	50	A
<b>Continuous discharge current</b>	<b>300</b>	<b>A</b>
Dimension:	497*334*243mm(19.56" *13.15" *9.57")	
Weight:	47.97 kg; 105.8 lb	
Cycle life	>6000 times (0.2C cycle, Room temperature, capacity retention rate: 80%)	
Month self discharge	<3% per month at 25°C	
BMS Function	Overvoltage protection, Undervoltage protection Overcurrent protection, Temperature protection, Short-circuit protection	
Mechanical		
Cell & Method	UL Certificated EVE 3.2V 105Ah, 16S1P	
Standard Charge		
Charge Voltage	58.4	V
Charge Mode(CC/CV)	CC-CV	
Charge Current	From 5 A to 50 A	
Recommended Charge Current	50	A
Charge High Temperature Protection	60	°C
Charge High Temperature Recovery	50	°C
Low Temperature Protection	0	°C
Low Temperature Recovery	5	°C
Standard Discharge		
<b>*Continuous Discharge Current</b>	<b>300</b>	<b>A Continuous</b>
<b>*Peak Discharge Current</b>	<b>500</b>	<b>A For 30 seconds</b>
<b>*Peak Discharge Current</b>	<b>600</b>	<b>A For 9 seconds</b>
Discharge Cutoff Voltage:	42.4	V
High Temperature Protection	65	°C
High Temperature Recovery	55	°C
Low Temperature Protection	-20	°C
Low Temperature Recovery	-10	°C
Operation Environment		
Charge temperature	0°C to 45°C(32°F to 113°F) @60±25% Relative Humidity	
Discharge temperature	-20°C to 65°C(-4°F to 149°F) @60±25% Relative Humidity	
Storage temperature	5°C to 45°C(41°F to 113°F) @60±25% Relative Humidity	
<b>Water / Dust Resistance</b>	<b>IP67</b>	

**VOLT POWER PRODUCTS LiFePO4 Battery****General specification of 51 V 160 Ah Golf cart battery**

Electrical Characteristics		
Nominal Voltage	51.2	V
Nominal Capacity	160	Ah
Energy	8192	Wh
Max Charge Voltage	58.4	V
Cut off Voltage	42.4	V
Charge current	50	A
<b>Continuous discharge current</b>	<b>300</b>	<b>A Continuous</b>
Dimension:	627mm*400mm*210mm(24.69" *15.75" *8.27")	
Weight:	72 kg; 158.7 lb	
Cycle life	>6000 times (0.2C cycle, Room temperature, capacity retention rate: 80%)	
Month self discharge	<3% per month at 25°C	
BMS Function	Over/Undervoltage protection, Overcurrent protection, Temperature protection, Short-circuit protection	
Mechanical		
Cell & Method	UL Certificated EVE 3.2V 160Ah, 16S1P	
Standard Charge		
Charge Voltage	58.4	V
Charge Mode(CC/CV)	CC-CV	
Charge Current	From 5 A to 50 A	
Recommended Charge Current	50	A
Charge High Temperature Protection	60	°C
Charge High Temperature Recovery	50	°C
Low Temperature Protection	0	°C
Low Temperature Recovery	5	°C
Standard Discharge		
<b>Continuous Discharge Current</b>	<b>300</b>	<b>A Continuous</b>
<b>Peak Discharge Current</b>	<b>500</b>	<b>A For 30 seconds</b>
<b>Peak Discharge Current</b>	<b>600</b>	<b>A For 9 seconds</b>
Discharge Cutoff Voltage:	42.4	V
High Temperature Protection	65	°C
High Temperature Recovery	55	°C
Low Temperature Protection	-20	°C
Low Temperature Recovery	-10	°C
Operation Environment		
Charge temperature	0°C to 45°C(32°F to 113°F) @60±25% Relative Humidity	
Discharge temperature	-20°C to 65°C(-4°F to 149°F) @60±25% Relative Humidity	
Storage temperature	5°C to 45°C(41°F to 113°F) @60±25% Relative Humidity	
<b>Water Dust Resistance</b>	<b>IP67</b>	