

# PARAGON

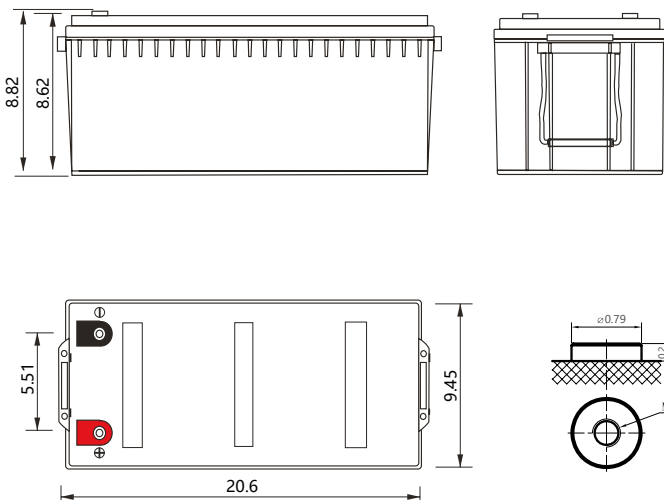
## 25.6V100Ah

### LFP Lithium Battery

RoHS  
COMPLIANT



#### Dimensions:



#### SAFETY

- + Prismatic LiFePO4 cells (50Ah) for higher consistency, long cycle life, and better overall safety
- + UN38.3, CE certification
- + Cycle life of over 5000 cycles @ 80% DOD

#### DESIGN

- + Prismatic cells are more compact, lighter, and have higher density than cylindrical type cells
- + ABS container, replaces VRLA battery
- + Fast charge performance
- + Wide temperature range of -20~+55° C
- + Maintenance free

#### BATTERY MANAGEMENT SYSTEM (BMS)

- + Integrated BMS
- + Independent protection for charge and discharge
- + Over voltage, under voltage, over temperature, under temperature, and short circuit protection

25.6V100Ah

LFP Lithium Battery

Specifications:

Model	LFP25.6V100Ah
Nominal Voltage [V]	25.6
Nominal Capacity [Ah]	100
Total Energy [Wh]	2560
Max. Charging Current [A]	100
Recommended Charging Current [A]	50
Charging Voltage [V]	29.2
Max. Discharging Current [A]	100
End of Dicharge Voltage [V]	22.4
Pulse Discharge Current	270A @ 10s
Dimension [W*D*H, inches]	20.6*9.45*8.62
Weight [LB]	55.6
Operating Humidity	0~95% RH (No condensing)
Operating Temperature Range	Charge: 0 ~ +50 °C ; Discharge: -20 ~ +55 °C
BMS Protection	Over charge, Over discharge, Over/ Under temperature, Short circuit
Parallel Support	Yes, Max 2 Sets
Series Support	No Support
Cycle Life	>5000
Designed Calendar Life	>10 Years
Certification	UN38.3, CE, MSDS