






Product Features

-  Fully replaceable with current batteries (Lead-acid, Ni-Cd)
-  Maintenance free with standard 19" design easy installation
-  Longer cycle life 5000 cycles@80%DOD.
-  Built-in BMS management system with interface RS485/RS232
-  Optimum adaptation to variety applications with series & parallel expansion support



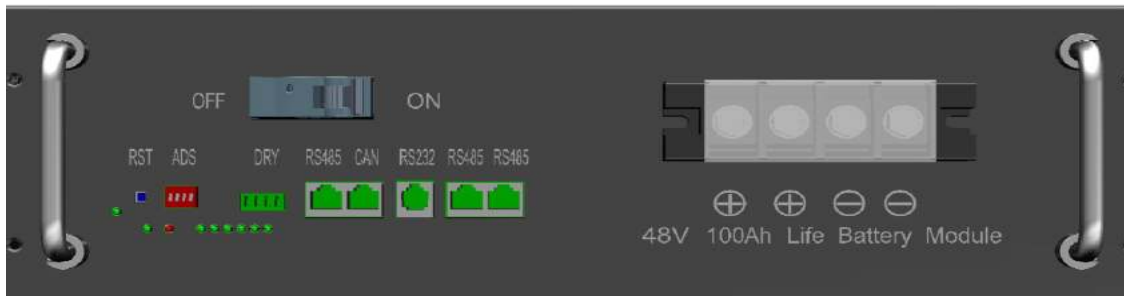
Product Application



Characteristic

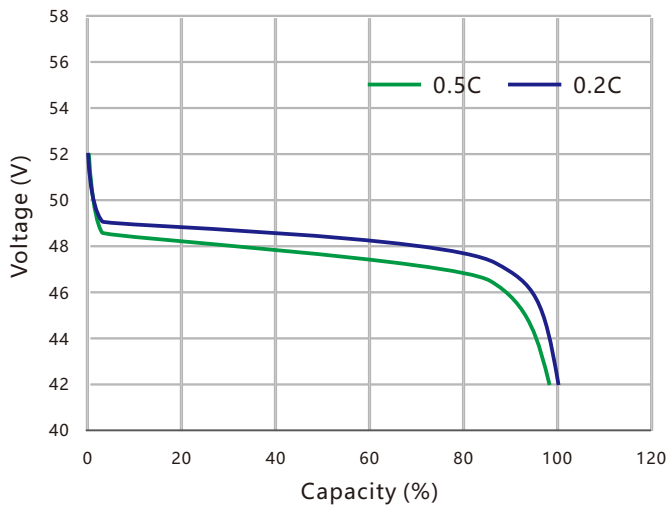
	Specification
Model	AT-48V100AH
Rated Capacity (5HR)	100Ah
Nominal Voltage	48.0 V
Discharge Ending Voltage	42.0 V
Charging Limited Voltage	54.0 V
Max. Charging Current	100 A
Max. Continue Discharging Current	100 A
Weight	Approx. 4.2 Kg
SOC light	6*LED
Parallel Connection	Parallel connection is optional (up to 15P).
Dimensions (W*D*H) mm (inches)	442*480*132mm
Cell	LFP3.2 V 100Ah Prismatic
Design life	More than 15 years
Cycle Life	More than 5000 cycles at 80% DOD
IP Class	IP54
Outer Package Material	Black bake lacquer steel case (battery rack or cabinet is optional)
Operating Temperature	Charging: 0 to +60°C Discharging: -20 to +60°C Storage: -20 to +60°C
Operating Humidity	5%~95%
Communication Protocol	RS232/ Modbus/ SNMP TCP/ IP

Definition of panels

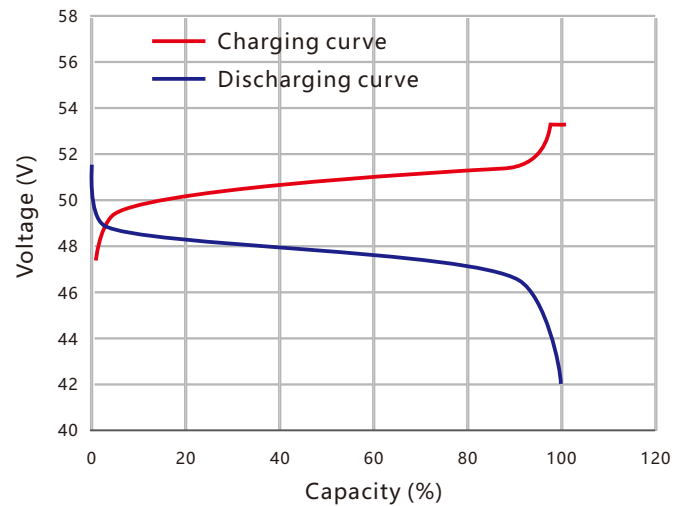


Performance Curve

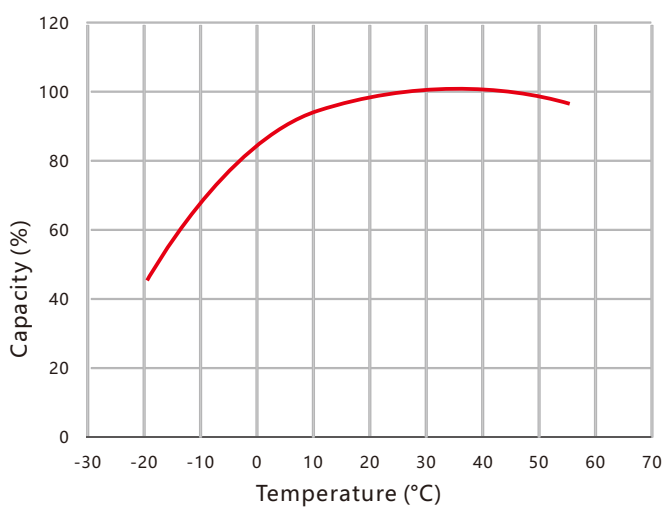
Rating Performance @25°C



Discharge and Charge @25°C, 0.2C



Capacity under different Temp.



Cycle Life under different Temp.

