

LITHIUM BATTERY



Molde: 17.5KWh

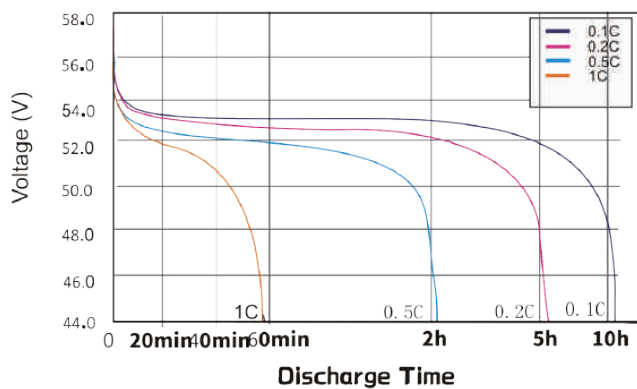
- Easy Installation and Maintenance
- High Cycle Life Reliable Performance
- Compatible with Most Solar Inverters
- Convenient CAN & RS485 & RS232 Communication
- Wall-mounted/ Stack Installation/ Floor Installation

PRODUCT PARAMETERS

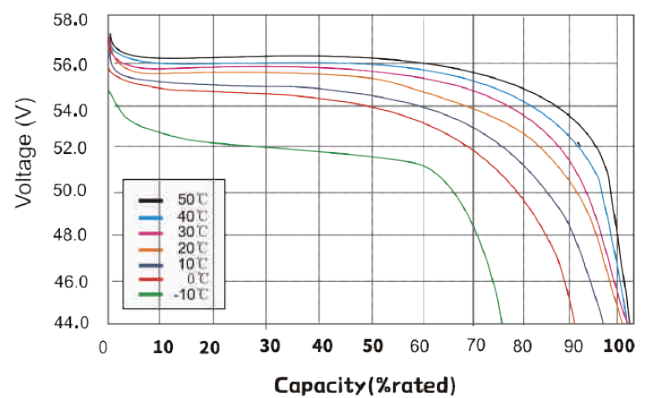
Model	PD-17.5KW
Battery Type	LiFePO4 Prismatic Cell
Rated Capacity	17.92KWh
Rated Energy	350Ah
Rated Voltage	51.2V
Max.Charging Voltage	58.4V
Discharge Cut-off Voltage	44.8V
Max. Charging Current	100A
Max. Continuous Discharge Current	160A
Max.Modules in Parallel	15
Communication	CAN & RS485 & RS232
Cycle Life	>6000 , @25°C 80% DOD
Ingress protection	IP 21
Working Temperature Range	Discharge: -20°C~65°C Charge: 0°C~65°C
Warranty	5 Years
Certification	ISO9001, IEC62619, UN38.3, CE, MSDS
Net Weight(KG)	140.2KG
Gross Weight(KG)	160.5KG
Product Dimension(MM)	525*328.5*980MM
Package Dimension(MM)	610*415*1130MM

Charging and Discharge Curve

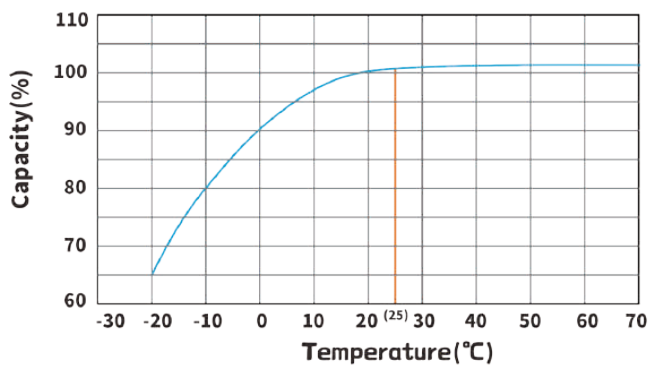
Different Rate Discharge Curve @25 °C



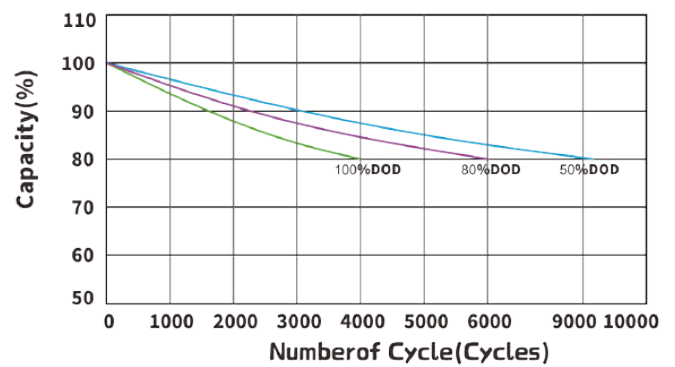
Different Temperature Discharge Curve @ 0.5C



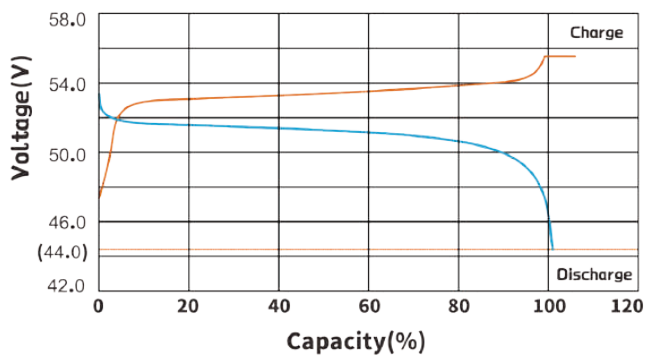
Temperature Effect on Capacity at 0.5C



Cycle Life with DOD at 25°C
0.5C Discharge and 0.25C Charge



Charge and Discharge at 25°C, 0.5C



Different Temperature Self Discharge Curve

