

LITHIUM BATTERY



Molde: 5KWh

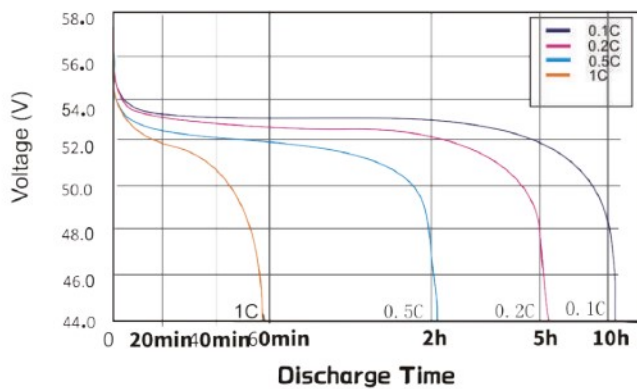
- Easy Installation and Maintenance
- High Cycle Life Reliable Performance
- Compatible with Most Solar Inverters
- Convenient CAN & RS485 & RS232 Communication
- Wall-mounted/ Stack Installation/ Floor Installation

PRODUCT PARAMETERS

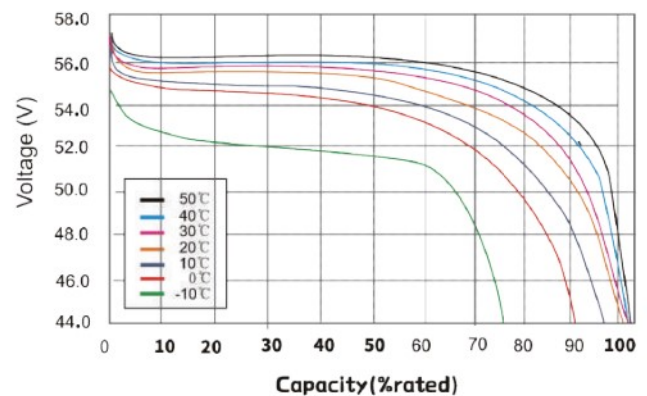
Model	PD-5KW
Battery Type	LiFePO4 Prismatic Cell
Rated Capacity	5.12KWh
Rated Energy	200Ah
Rated Voltage	25.6V
Max.Charging Voltage	29.2V
Discharge Cut-off Voltage	22.4V
Max. Charging Current	60A
Max. Continuous Discharge Current	110A
Max.Modules in Parallel	15
Communication	CAN & RS485 & RS232
Cycle 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)	52.55KG
Gross Weight(KG)	54.6KG
Product Dimension(MM)	653*488*186.38MM
Package Dimension(MM)	705*575*260MM

Charging and Discharge Curve

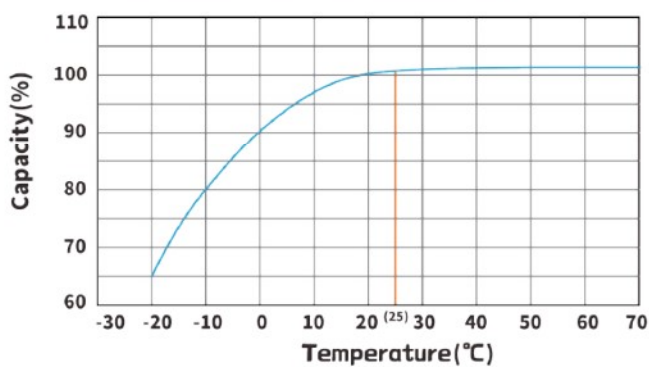
Different Rate Discharge Curve @25 °C



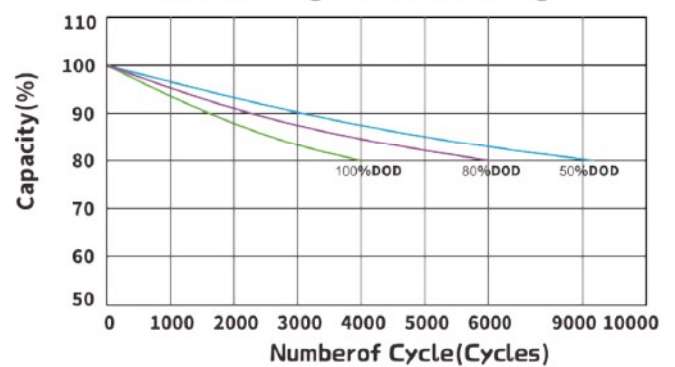
Different Temperature Discharge Curve @ 0.5C



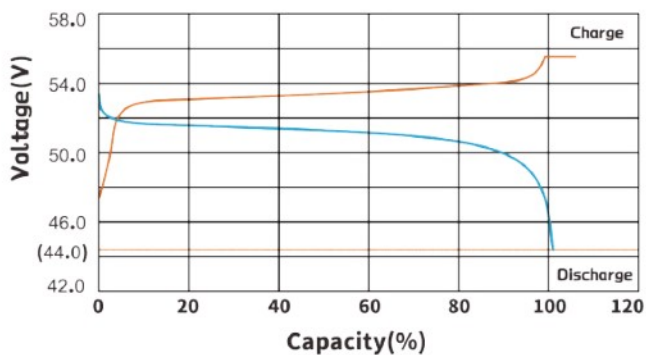
Temperature Effect on Capacity at 0.5C



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

