

LFP BATTERY PACK

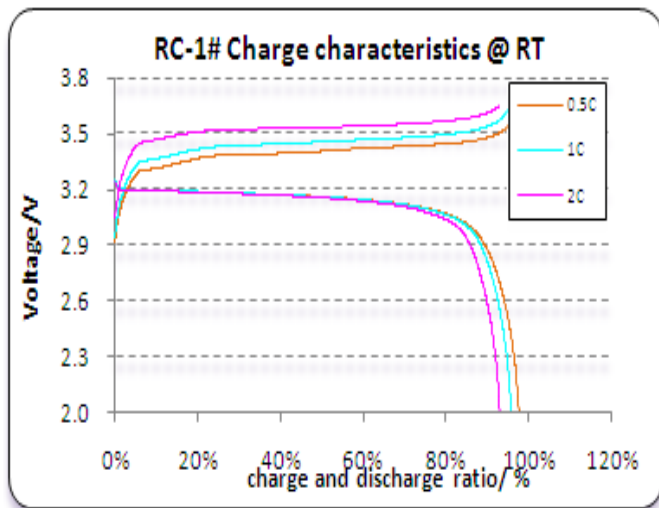
48V Series

Feature

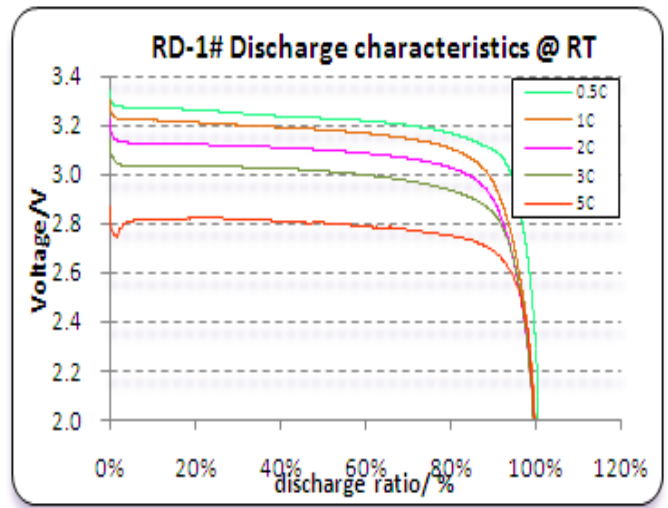
- ★ Standard module, compatible with existing cabinets
- ★ High power density, compact design, light weight
- ★ Internally installed BMS, high safety and reliability
- ★ Higher charging and discharging rate
- ★ Higher power rate and depth of discharge
- ★ Compatible With R232, RS485 and SNMP multiple communication modes



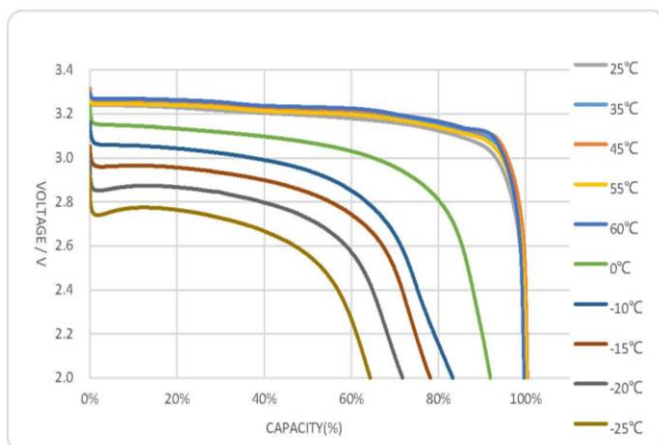
Charge/Discharge at R.T



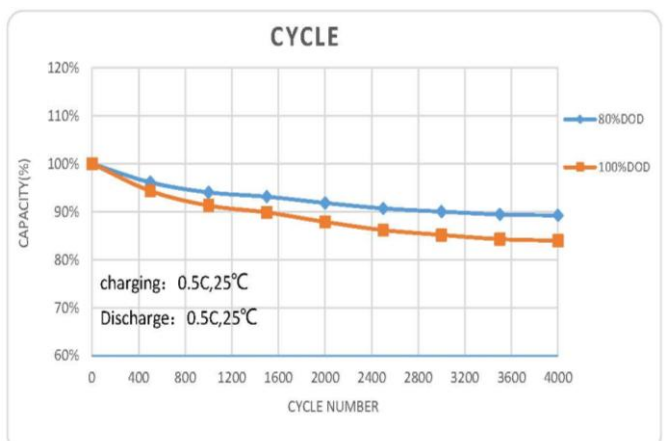
Discharge at different ratio



Discharge at different temperature



Life cycles



Specifications	4840	4850	4860	4880	48100	Remark
Basic Parameter						
Battery type	LFP					
Nominal voltage	48V	48V	48V	48V	48V	
Battery capacity	40Ah	50Ah	60Ah	80Ah	100Ah	
Inner Resistance	≤50mΩ	≤50mΩ	≤50mΩ	≤50mΩ	≤50mΩ	
Charging						
MAX. charging voltage	54V	54V	54V	54V	54V	
Rated charging current	10A	12A	15A	20A	25A	
Maximum charging current	20A	25A	30A	40A	50A	
Temperature range during charging	0°C ~ +45°C					
Discharging						
Cut off voltage	40.5V	40.5V	40.5V	40.5V	40.5V	
Rated discharging current	10A	10A	15A	20A	25A	
MAX. discharging current	40A	50A	60A	80A	100A	
Temperature range during discharging	-20°C ~ +60°C					
Dimension and weight						
Dimension (L*W*H)	482*445*133	482*445*133	482*445*173	482*570*178	482*570*178	
Weight(Approx)	27Kg	32Kg	38Kg	46Kg	55Kg	
General Data						
Self-Discharge rate	≤3%/Month					
Life cysles	≥4000 Cycles (@25°C, 80%DOD)					
Protection grade	IP20					
Communication mode	RS232/RS485/SNMP(Opt)					