

LFP BATTERY

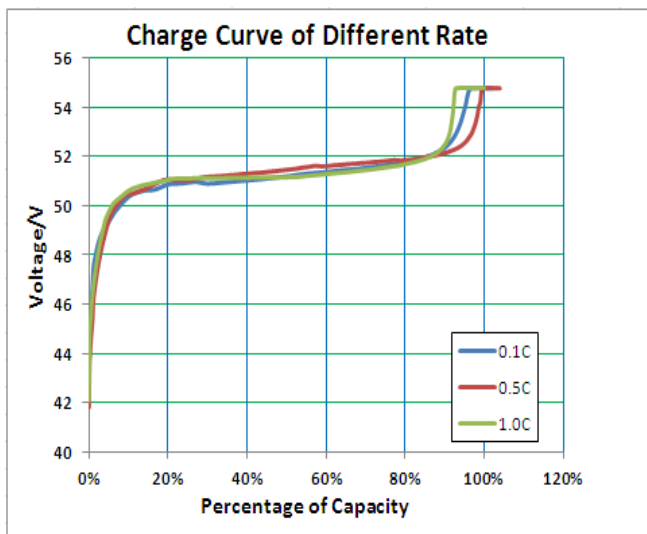
51.2V Series

Featur

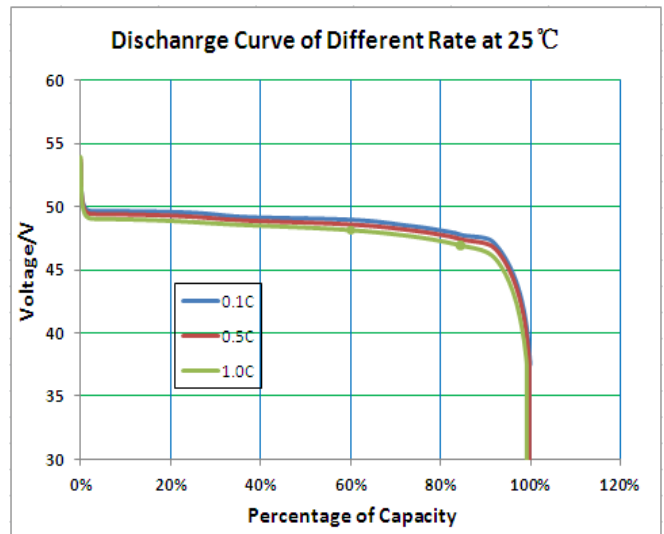
- ★ Standard module, Portable trolley design
- ★ Multiple groups in parallel, Expansion convenient
- ★ Expansion convenient High power density, light weight
- ★ Internally installed BMS, high safety and reliability
- ★ Higher charging and discharging rate
- ★ Higher power rate and depth of discharge
- ★ Deeper DOD, More cycles and longer service life
- ★ Compatible With R232, RS485 multiple



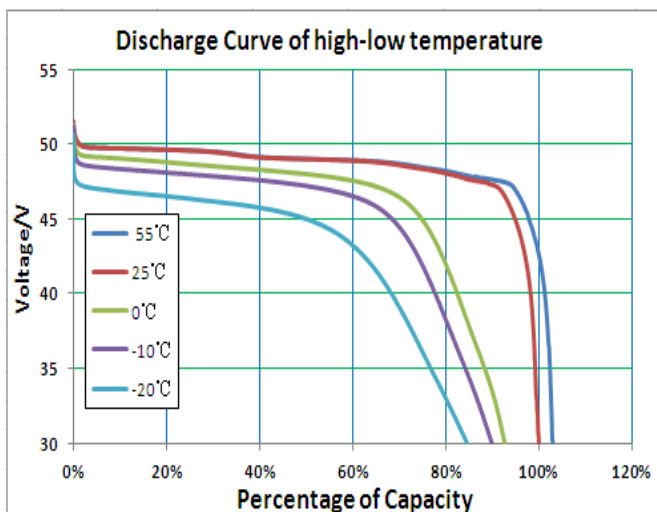
Charge at different ratio



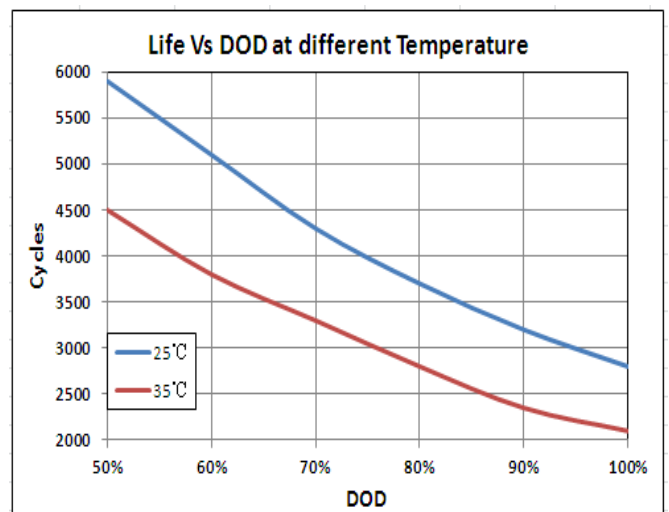
Discharge at different ratio



Discharge at



Life cycles at



Specifications Model	SCIFP16S51.250A	SCIFP2P16S51.2100A
Basic Parameter		
Battery type	LFP	
Nominal voltage	51.2V	51.2V
Battery capacity	50Ah	100Ah
Inner Resistance	≤35mΩ	≤25mΩ
Charging Parameter		
MAX. charging voltage	57.6V	57.6V
Rated charging current	10A	20A
Maximum charging current	50A	100A
Temperature range	0°C...+55°C	
Discharging Parameter		
Cut off voltage	43.2V	43.2V
Rated discharging current	25A	50A
MAX. discharging current	50A	100A
Temperature range	-20°C... +60°C	
Dimension and weight		
Dimension (L*W*H)	470*400*130mm	470*410*224mm
Weight(Approx)	34kg	60.5Kg
General Data		
Self-Discharge rate	≤1%/Month	
Cycle life	≥3700 Cycles(@80% DOD; +25°C)	
Energy charge efficiency	94%(@+25°C)	
Protection class	IP52	
Communication mode	RS232、RS485	