

LFP BATTERY

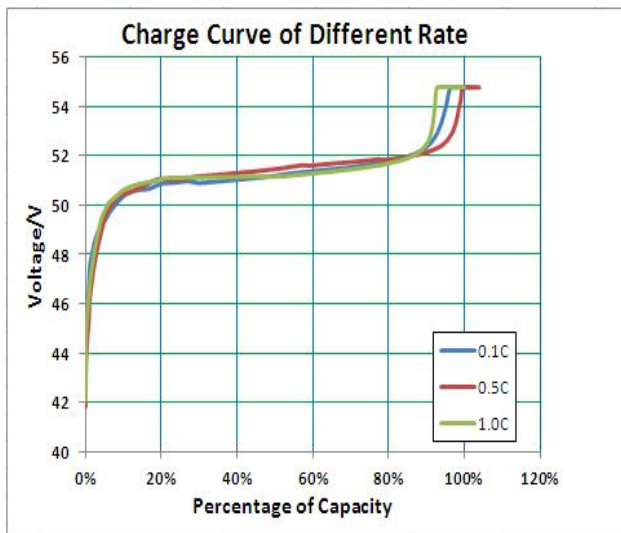
48V Series

Featur

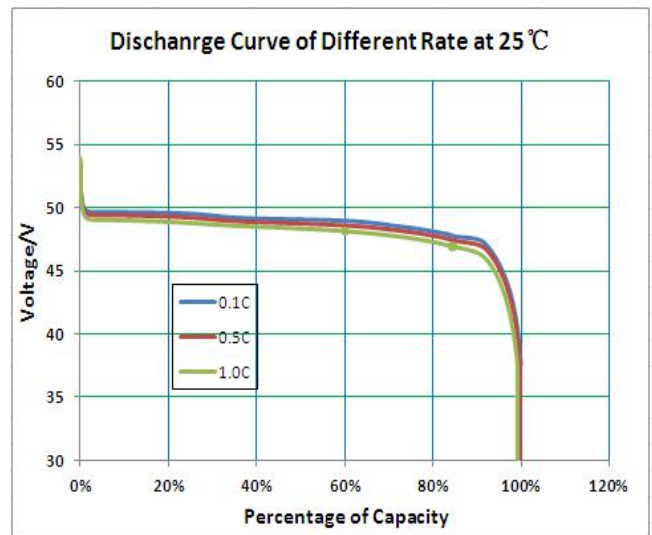
- ★ Standard module, compatible with 19 inch rack-moun cabinets
- ★ Multiple groups in parallel, Expansion convenient
- ★ High power density, compact design, light weight
- ★ Internally installed BMS, high safety and reliability
- ★ Higher charging and discharging rate
- ★ Higher power rate and depth of discharge
- ★ Deeper DOD, More cycles and longer service life
- ★ Compatible With R232, RS485 and SNMP multiple communication modes



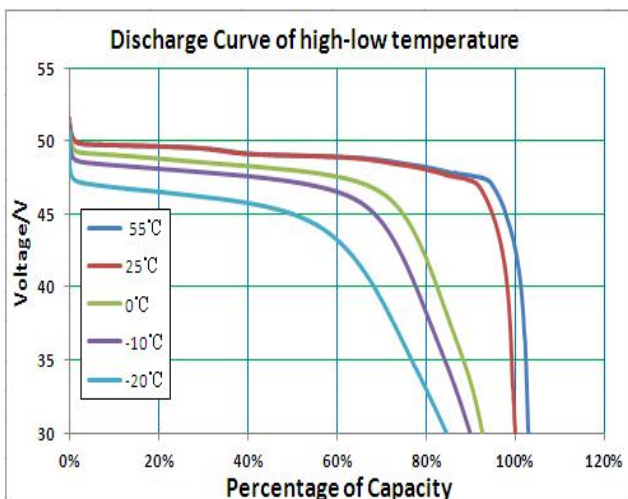
Charge at different ratio



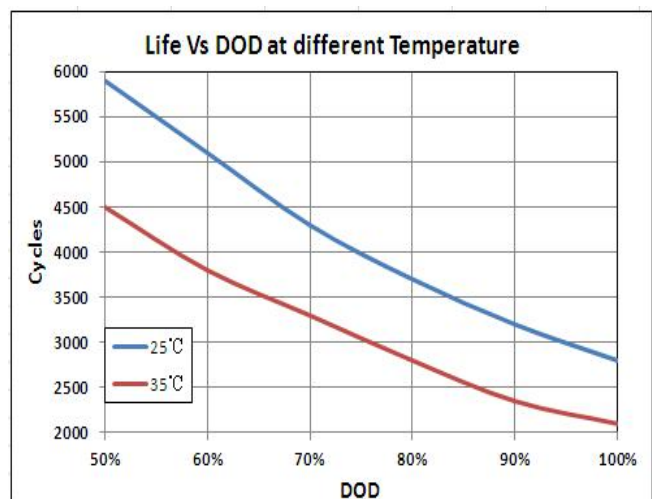
Discharge at different ratio



Discharge at



Life cycles at



Specifications Model	SSIFP15 S4810	SSIFP15 S4820	SSIFP15 S4830	SSIFP15 S4840	SSIFP15 S4850	SSIFP15 S4870	SSIFP2P15S 48100
Basic Parameter							
Battery type	LFP						
Nominal voltage	48V	48V	48V	48V	48V	48V	48V
Battery capacity	10Ah	20Ah	30Ah	40Ah	50Ah	70Ah	100Ah
Inner Resistance	≤60mΩ	≤50mΩ	≤45mΩ	≤40mΩ	≤30mΩ	≤25Ω	≤20mΩ
Charging Parameter							
MAX. charging voltage	54V	54V	54V	54V	54V	54V	54V
Rated charging current	2A	4A	6A	8A	10A	14A	20A
Maximum charging current	10A	20A	30A	40A	50A	70A	100A
Temperature range	0°C...+55°C						
Discharging Parameter							
Cut off voltage	40.5V	40.5V	40.5V	40.5V	40.5V	40.5V	40.5V
Rated discharging current	5A	10A	15A	20A	25A	35A	50A
MAX. discharging current	10A	20A	30A	40A	50A	70A	100A
Temperature range	-20°C... +60°C						
Dimension and weight							
Dimension (L*W*H)	442*400*45 mm	442*400*89 mm	442*400*89 mm	442*400*13 3 mm	442*400*13 3 mm	442*400*17 8 mm	442*400*222 mm
Weight(Approx)	9.0kg	13.5kg	16.6kg	22.6kg	26.5Kg	33.5kg	47.0Kg
General Data							
Self-Discharge rate	≤1%/Month						
Cycle life	≥3700 Cycles(@80% DOD; +25°C)						
Energy charge efficiency	94%(@+25°C)						
Protection class	IP20						
Communication mode	RS232、RS485、SNMP(Optional)						