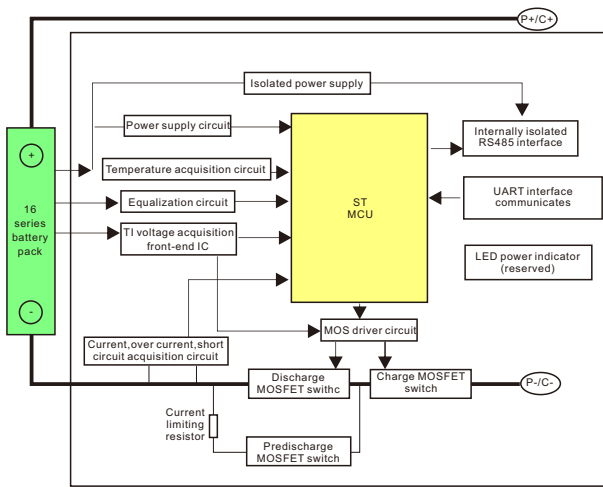


LiFePO₄

Lithium iron battery

Product block diagram



Items	Specification	
Nominal Capacity	50Ah	100Ah
Nominal Voltage	48V	51.2V
Internal Impedance	≤ 50mΩ	≤ 100mΩ
Standard Charging	Constant current 25.0A Constant voltage 53.25V End current(Cut off)0.5A	Constant current 20.0A Constant voltage 57.6V End current(Cut off) 1A
Charging Voltage	53.25V	57.6V
Max. Continuous Charge Current	25±3°C 50.0A	25±3°C 100.0A
Standard Discharging	Constant current 25.0A End voltage(Cur off) 40.5V	Constant current 50.0A End voltage(Cur off) 43.2V
Max. Continuous Discharge Current	25±3°C 50.0A	25±3°C 100.0A
Max. Output Power	25±3°C 2.4KW	25±3°C 5KW
Charge method(CC/CV)	CC:0.4C;58.4V cut off CV:58.4V;0.05C cut off	
Operating Temperature	Charge	0°C~60°C
	Discharge	-20°C~60°C
Cycle Life	DOD80%,25°C , EOL 80% > 3500 cycles	