



## Lead to lithium series

### Product Highlights



Long cycle life



High energy density



Ultra-fast charging with low loss



Large Capacity & Enhanced Safety

Model	SCLFP-12.8V-30	SCLFP-12.8V-50	SCLFP-12.8V-100E	SCLFP-12.8V-100	SCLFP-12.8V-150
Rated Voltage	12.8V	12.8V	12.8V	12.8V	12.8V
Rated Capacitance	384Wh(30Ah)	640Wh(50Ah)	1280Wh(100Ah)	1280Wh(100Ah)	1920Wh(150Ah)
Cell Combination Structure	4S2P	4S1P	4S4P	4S1P	4S1P
Discharge Current	30A	50A	80A	100A	100A
Battery Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Cut-off Discharge Voltage	10V	10V	10V	10V	10V
Standard Charging Voltage	14.6V	14.6V	14.6V	14.6V	14.6V
Float Charging Voltage	13.8V	13.8V	13.8V	13.8V	13.8V
Standard Charging Current	15A	25A	40A	50A	50A
Max. Continuous Charging Current	30A	50A	80A	100A	100A
Standard Discharge Current	15A	25A	40A	50A	50A
Max. Continuous Discharge Current	30A	50A	80A	100A	100A
Peak Current	33A, 105sec	55A, 105sec	55A, 105sec	110A, 105sec	110A, 105sec
Charging Operating Temp	0°C-45°C	0°C-45°C	0°C-45°C	0°C-45°C	0°C-45°C
Discharging Operating Temp	-10°C-60°C	-10°C-60°C	-10°C-60°C	-10°C-60°C	-10°C-60°C
Chassis Dimensions	22.3*9.5*17.5cm	22.8*13.8*20.8cm	33*17.2*21.5cm	33*17.2*21.5cm	52.2*24*21.8cm

Model	SCLFP-12.8V-200	SCLFP-12.8V-300	SCLFP-25.6V-100	SCLFP-25.6V-200
Rated Voltage	12.8V	12.8V	25.6V	25.6V
Rated Capacitance	2560Wh(200Ah)	3840Wh(300Ah)	2560Wh(100Ah)	5120Wh(200Ah)
Cell Combination Structure	4S2P	4S1P	8S1P	8S1P
Discharge Current	100A	200A	100A	100A
Battery Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Cut-off Discharge Voltage	10V	10V	20V	20V
Standard Charging Voltage	14.6V	14.6V	29.2V	29.2V
Float Charging Voltage	13.8V	13.8V	27.6V	27.6V
Standard Charging Current	50A	100A	50A	50A
Max. Continuous Charging Current	100A	200A	100A	100A
Standard Discharge Current	50A	100A	50A	50A
Max. Continuous Discharge Current	100A	200A	100A	100A
Peak Current	110A, 105sec	220A, 105sec	110A, 105sec	110A, 105sec
Charging Operating Temp	0°C-45°C	0°C-45°C	0°C-45°C	0°C-45°C
Discharging Operating Temp	-10°C-60°C	-10°C-60°C	-10°C-60°C	-10°C-60°C
Chassis Dimensions	52.2*24*21.8cm	52.2*26.8*22cm	52.2*24*21.8cm	52.2*24*21.8cm