

SPECIFICATION SHEET

LEADOUT LIFEPO4 LITHIUM BATTERY

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PRODUCT PRESENTATION

Home ESS refers to the storage of electricity locally by household energy storage equipment for later use. ESS consists of energy storage batteries, inverters and other components.

We use brand new A-grade LifePo4 battery, equipped with an intelligent battery management system for charging and discharging cycles. The inverter converts DC energy to AC energy to meet the requirements for household electricity. Normally this product is installed in combination with PV system to provide green electricity to household users, reduce energy consumption, and reduce negative impacts on the environment. It's widely used in remote areas or areas with unstable power supply, to provide reliable, stable, and cost-effective energy supply.



PRODUCT FEATURES

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- Superior safety and longer cycle life
- Higher energy density and Lighter weight
- Super quick charge and low self-discharge

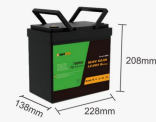
PRODUCT DIMENSION



SCLEP-12.8V-30Model



SCLEP-12.8V-50Model



SCLEP-12.8V-60Model



SCLEP-12.8V-100Model



SCLEP-12.8V-200Model



SCLEP-12.8V-300Model



SCLEP-C-12.8V-105Model



SCLEP-25.6V-100Model

OPERATION FUNCTION

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Model	SCLFP-12.8V-30	SCLFP-12.8V-50	SCLFP-12.8V-60	SCLFP-12.8V-100
Nominal Voltage	12.8V	12.8V	12.8V	12.8V
Rated Capacity	384Wh (50Ah)	640Wh (50Ah)	768Wh (60Ah)	1280Wh (100Ah)
Cell Combination Structure	4S2P	4S1P	4S4P	4S1P
Discharge Current	30A	50A	60A	100A
Battery Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Discharge End Voltage	10V	10V	10V	10V
Standard Charge Voltage	14.6V	14.6V	14.6V	14.6V
Float Voltage	13.8V	13.8V	13.8V	13.8V
Standard Charge Current	15A	25A	30A	50A
Maximum Continuous Charge Current	30A	50A	60A	100A
Standard Discharge Current	15A	25A	30A	50A
Maximum Continuous Discharge Current	30A	50A	60A	100A
Peak Current	55A, 10Sec	55A, 10Sec	66A, 10Sec	110A, 10Sec
Charge Operating Temperature	0°C -45°C	0°C -45°C	0°C -45°C	0°C -45°C
Discharge Operating Temperature	-20°C 60°C	-20°C 60°C	-20°C 60°C	-20°C 60°C
Dimension	22.3*9.5*17.5cm	22.8*13.8*20.8cm	22.8*13.8*20.8cm	33*17.2*21.5cm

Model	SCLFP-12.8V-200	SCLFP-12.8V-300	SCLFP-C-12.8V-105	SCLFP-25.6V-100
Nominal Voltage	12.8V	12.8V	12.8V	25.6V
Rated Capacity	2560Wh (200Ah)	3840Wh (300Ah)	1344Wh (105Ah)	2560Wh(100Ah)
Cell Combination Structure	4S2P	4S1P	4S1P	8S1P
Discharge Current	150A	200A	105A (Instantaneous starting current 600A)	100A
Battery Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Discharge End Voltage	10V	10V	10V	20V
Standard Charge Voltage	14.6V	14.6V	14.6V	29.2V
Float Voltage	13.8V	13.8V	13.8V	27.6V
Standard Charge Current	75A	100A	50A	50A
Maximum Continuous Charge Current	150A	200A	105A	100A
Standard Discharge Current	75A	100A	50A	50A
Maximum Continuous Discharge Current	150A	200A	105A (Instantaneous starting current 600A)	100A
Peak Current	110A, 10Sec	220A, 10Sec	600A, 10Sec	110A, 10Sec
Charge Operating Temperature	0°C -45°C	0°C -45°C	0°C -45°C	0°C -45°C
Discharge Operating Temperature	-20°C 60°C	-20°C 60°C	-20°C 60°C	-20°C 60°C
Dimension	52.2*24*21.8cm	52.2*26.8*22cm	31.5*17.3*19cm	52.2*24*21.8cm

PRODUCT PARAMETER

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Item No	Components	CNT	Carton Size	N.W (kg)	G.W (kg)	Unit CBM (m³)
SCLFP-12.8v-30	Screw Pack	1	23.3*10.5*19CM	3.3	3.6	0.005
SCLFP-12.8v-50	Screw Pack	1	23.8*14.8*22.3CM	5.8	6.1	0.008
SCLFP-12.8v-60	Screw Pack	1	23.8*14.8*22.3CM	6.3	6.6	0.008
SCLFP-12.8v-100	Screw Pack	1	38*22*27CM	10.5	11	0.023
SCLFP-12.8v-200	Screw Pack	1	57.2*29*27.3CM	20	21	0.045
SCLFP-12.8v-300	Screw Pack	1	57.2*31.8*27.5CM	25	25.5	0.05
SCLFP-C-12.8v-105	Screw Pack	1	36.5*22.3*24.5CM	8.8	9.3	0.020
SCLFP-24v-100	Screw Pack	1	57.2*29*27.3CM	20	21	0.045

PACKING DETAILS



Screw Pack*1