

SPECIFICATION SHEET

WALLMAX ESS 15KWH

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PRODUCT PRESENTATION

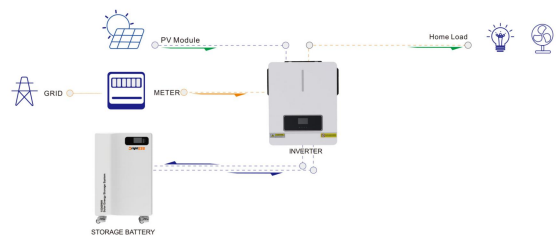
Home ESS refers to the storage of electricity locally by household energy storage equipment for later use. ESS consists of energy storage batteries, inverters and other components.

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.



WORKING DIAGRAM

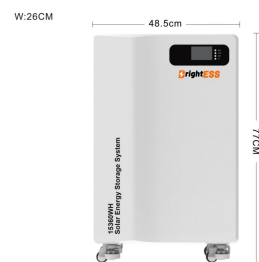
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PRODUCT FEATURES

- Original Patent design
- Multi-protection from self developed BMS
- Brand new battery for 6000 times cycle life

PRODUCT DIMENSION



OPERATION FUNCTION

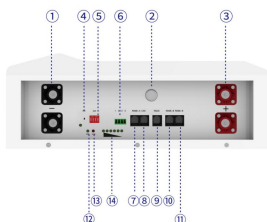
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Battery LCD Screen



No.	Instruction
①	LCD Screen
②	MENU
③	ENTER
④	DOWN
⑤	ESC

Battery Interface



No.	Instruction
①	Negative
②	ON/OFF
③	Positive
④	Reset Button
⑤	Dip Switch
⑥	Dry Contacts
⑦	RS485-A Communication Port
⑧	CAN Communication Port
⑨	RS232 Communication Port
⑩	RS485-B Communication Port
⑪	RS485-B Communication Port
⑫	Operation Indicator
⑬	Alarm Indicator
⑭	Charging Indicator

PRODUCT PARAMETER

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Model	SCAE-B-512-300
Rated Capacity	15560WH(300AH)
Nominal Voltage	51.2V
Discharge Voltage Range	43.2V-58.4V
Standard Charging Current	100A
Max Charging Current	200A
Max Discharging Current	200A
Depth of Discharge	95%
Communication Interface	CAN/RS485
Cycle Life	≥5000, 25±2°C, 0.5C, EOL80%
Working Temperature Range	Charge: 0°C-50°C; Discharge: -10°C-60°C
Storage Temperature	-10°C-60°C
Dimension	48.5*26*77cm

PACKING DETAILS



Storage Battery*1



Screw Pack*1



1.25m 2AWG Silicon Bronze Cable*2



1m Communication Cable

Item No	Components	CNT	Carton Size	N.W (kg)	G.W (kg)	Unit CBM (m³)
SCAE-B-512-300	Battery;Fuma Wheel;Screw Pack;AC Cable;Communication Cable	1	82.6*55.5*42CM	113.5	129.8	0.193