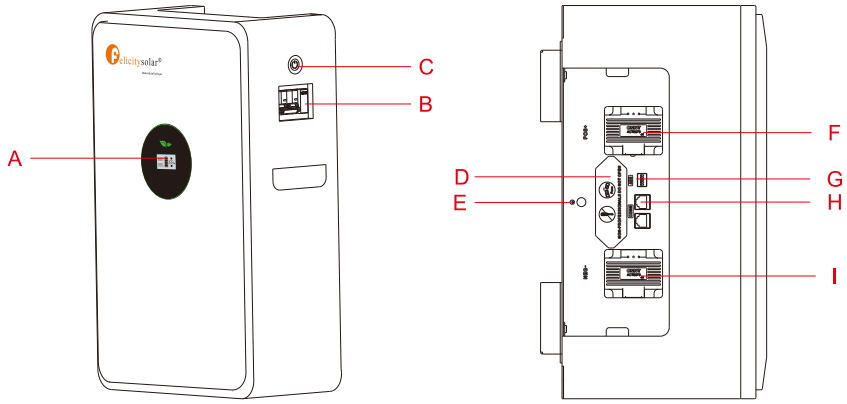


Code	Name
A	LCD display
B	Breaker
C	Power On/Charging indicator
D	Fuse
E	Earth wire
F	Battery Positive +
G	Switch
H	Communication port
I	Battery Negative -

2.3 Specifications

Model	FLA24300
Capacity	7.5kWh
Battery Type	LiFePO4
Nominal Voltage	25.6V
Operating Voltage	22.4-28.8V
Recommend Charge/Discharge Current[1]	≤150A
Recommend Charge/Discharge Power[1]	≤3,750W
Maximum Charge/Discharge Current(15s)	200A
Maximum Charge/Discharge Power(15s)	5,000W
Depth of Discharge(DOD)	≥ 95%
Scalability	Up to 15 units in parallel(112.5kWh)
Communication	RS485 / CAN
Protection Level	IP21
Cycle Life[2]	≥ 6,000 Cycles
Charging Temperature Range	0-55 °C
Discharging Temperature Range	-20-55 °C
Display	LCD+LED
Installation	Wall-Mounted / Floor-Mounted.
Protection	Built-in smart BMS, Breaker, Fuse
Warranty	7 Years
Net Weight	71kg
Gross Weight	90kg
Product Dimension	700x430x253mm
Package Dimension	780x550x427mm
[1] Recommend charge/discharge current/power is affected by temperature and SOC.	
[2] Test conditions: 0.2C Charging/Discharging @25°C , 80% DOD.	

2.4 Recommended Settings

Lithium battery pack is not same as lead-acid battery, so for the devices which you connect with the battery pack for charging or discharging, such as inverters, MPPT charger controllers or UPS, please implement pre-settings as recommended settings as below before you launched them.

Setting	FLA24300
Max. Charging Voltage	28.8V
Floating charging Voltage	28.8V
Max. Charging Current	150A*N
Cut-off voltage	24V

Notes: “N” means the number of battery packs connected in parallel.