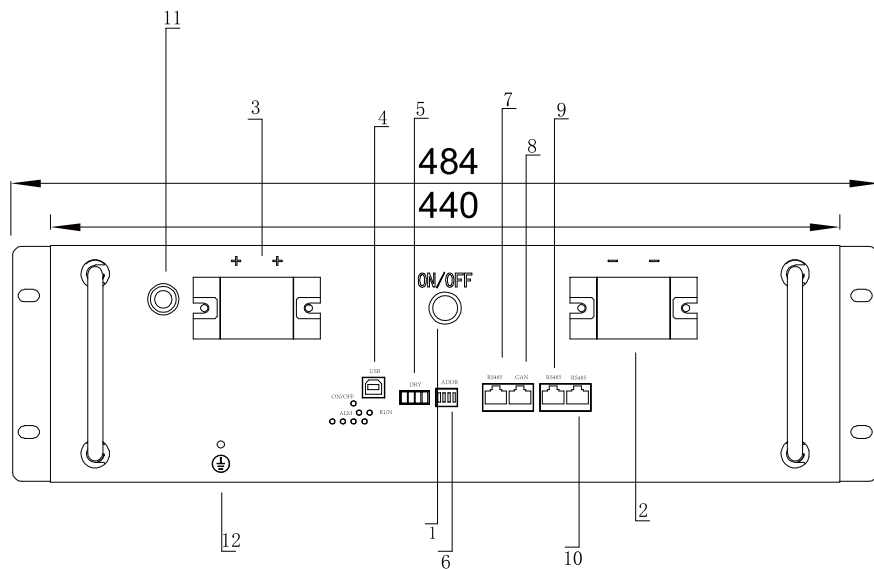




Energy Storage Battery



51.2V 100Ah
ECO-5120 ESS



External Ports Description			
1	Battery Switch	2	P- Terminal
3	P+ Terminal	4	Host USB Communication Port
5	Dry Contact	6	ADDR
7	Inverter RS485 Communication Port	8	Inverter CAN Communication Port
9	Battery Parallel RS485 Communication Port 1	10	Battery Parallel RS485 Communication Port 2
11	WIFI Antenna (optional)	12	Grounding port

Product Specifications

Battery Model	ECO-5120 ESS
Cell Series Configuration	16S1P
Nominal Battery Voltage	51.2V
Nominal Battery Energy	5.12KWh
Operating Voltage Range	44.8V ~ 56.8V
Rated Charge and Discharge Current	0.5C
Maximum Charging Current	100A
Maximum Discharging Current	100A
Charging Temperature Range	0°C ~ 55°C
Discharging Temperature Range	-20°C ~ 55°C
Dimensions (mm)	440*440*132mm
Weight (kg)	42kg
Supported Communication Methods	USB/RS485/CAN
Recommended Depth of Discharge	80%
Maximum Number of Units in Parallel	16
Life Cycle @80% DOD	6000