

Floor-standing Residential ESS



- Larger capacity supply equipment cabinet
- No active cooling system is required
- High operational reliability
- Optimal management
- Inline with the RoHS

Technical specification:

Module Type		PowerCool-WLL005I1
Rated capacity		104Ah
Total energy		5.32kWh
Usable energy*		5.05kWh
Voltage range		44.8~57.6Vd.c.
Nominal voltage		51.2V
Max. charging voltage		57.6V
Nominal continuous charging current		50A
Max. continuous charging current		50A
Nominal continuous discharge current		50A
Max. continuous discharge current		100A(30min)
DOD		95%
Communication Interface		CAN/RS485/WiFi
Maxm parallel quantity		6
Dimension(L*W*H)		(418±2)*(160±2)*(610±2)mm
Net weight		(45±1)kg
Operating condition		Indoor
Operating Temperature	Charging	0~55°C
	Discharge	-15~55°C
Ttrip :The trip temperature of Overheating protection		57°C
Humidity		15% ~ 85%(RH)(No Condensation)
Cooling type		Natural Cooling
WIFI Frequency Range		2412MHz~2472MHz
WIFI Maximum Transmission Power		20dBm
Heating film power (optional)		130W
Display & Touch		3.5-inch TFT-LCD display with 480×320 resolution, LED backlight, typical brightness 300 cd/m ²
IP rating of enclosure		IP20
Configuration		16S
Installation method		Wall-mounted/Floor-standing
Supply connection		Fixed power cord
Warranty		5 years
Authentication Level		UN38.3/CE

*Testing conditions based on temperature 25°C at the beginning of life. Total Energy/Usable Energy are measured with a standard test method: 0.2C Charge and Discharge. As per the characteristics of lithium batteries, such parameters as the charge/ discharge current and efficiency listed above are subject to change. The final interpretation shall be reserved by YINERGY DIGITAL POWER TECHNOLOGY CO., LTD.