

# Wall-mounted Residential ESS



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

# Technical specification:

Model		PowerCool-WLL005B1
Total Energy*		5.22kWh
Usable Energy(DC)*		4.96kWh
Voltage		44.8~57.6Vdc
Nominal Voltage		5.12Vdc
Rated Capacity		102Ah
Max. Charge Voltage		57.6Vdc
Nominal Discharging Current		50A(1P) /100A(2P) / 150A(3P) / 160A(4P) / 160A(5P) / 160A(6P)
Nominal Charging Current		50A(1P) /100A(2P) / 150A(3P) / 160A(4P) / 160A(5P) / 160A(6P)
Weight		45kg
Dimension(mm)(H*L *W)		632*418*136.5mm
Max.recommended DOD		95%
Operating Condition		Indoor
Operating Temperature	Charge	0~55°C
	Discharge	0~55°C
Standard Ambient Temperature Range		0~40°C
Storage Temperature Range		>1 month 0~35°C / ≤1 month -20~45°C
Humidity		5% ~ 95%(RH)(No Condensation)
Over Voltage Category		II
Cooling Type		Natural cooling
Case Material		Metal
Installation		Wall-mounted or floor-standing
IP Rating		IP 20
Protective Class		I
Max. Connection Number		6P
Communication		CAN / RS485
Battery Protection		Over-current/Over-voltage/Short circuit/ Under-voltage/Over-temperature
Certificates		CE,UN38.3,MSDS
Warranty		5 years

Testing conditions based on temperature 25°C at the beginning of life.

\*Total Energy/Usable Energy measured under specific conditions from PowerCool-WLL005B1 0.2C CC-CV