

# 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:

Model		PowerCool-WLL016A1
Total Energy*		16.08kWh
Usable Energy(DC)*		15.27kWh
Voltage		44.8~57.6Vdc
Nominal Voltage		51.2Vdc
Rated Capacity		314Ah
Max. Charge Voltage		57.6Vdc
Nominal Discharging Current		157A
Nominal Charging Current		157A
Weight		135kg
Dimension(mm)(H*L *W)		871*450*250mm
Max.recommended DOD		95%
Operating Condition		Indoor
Operating	Charge	0~55°C
Temperature	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		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-WLL016A1 0.2C CC-CV