



SolarEast

## Rack-Mounted Batteries

PowerCool Rack-Mounted Home Battery Storage offers a flexible, reliable solution for your home or business. Make the most of your usable energy with up to 95% depth of discharge and if you need more, this battery is scalable up to ten times, allowing for a maximum of 52.2 kWh per inverter.

Our advanced battery technology enables households to access renewable energy, gain power self-sufficiency and make consciously sustainable decisions.



Energy Monitoring via App



Safe, Incombustible and Durable



Smart Home Compatibility



Rackable, Modular Design



Simple Installation and Expansion



Uninterruptible Power

# Technical specification

Model	PowerCool-LFP-5000
Battery Type	LFP
Total Energy	5.22kWh
Usable Energy	4.96kWh
Voltage	51.2V
Cell capacity	102Ah
Max. parallel connection number	10P
Max. charging voltage	57.6V
Nominal charging current	50A(single) /100A(multiple in parallel)
Nominal discharging current	80A(single) /100A(multiple in parallel)
Discharge cut-off voltage	44.8V
Battery efficiency	95%
Max. recommended DOD	95%
Communication	RS485/CAN
IP rating	IP20
Operating temperature	0 ~ 50°C
Cooling Type	Natural cooling
Altitude	≤5,000m
Humidity	5% ~ 95%(No condensed water)
Battery Protection	Over-current/Over-voltage/Short-circuit/Under-voltage/Over temperature
Warranty	5 year Product Warranty, 10 Year Performance Warranty
Dimension	560*390*131mm
Net weight	45kg
Case Material	Metal
Color	Black
Installation	Ground Installation

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

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