



Long Life
Rated life span of more than 6000 cycles



Expandable
Storage capacity is expandable to 40kWh



High Efficiency
98% charge/discharge efficiency



Easy Installation
Easy, plug and play installation

Ares-P5200L



Low Voltage



Easy Installation



High Efficiency



Expandable System



90% DoD

Ares-P5200L are high-performance, scalable, low-voltage battery storage modules.

- 98% Charge/Discharge Efficiency
- 90% Depth of Discharge
- Wide Temperature Tolerance
- Easy Installation
- >6000 Life Cycles
- CAN/RS485 Communication





SUNGO Ares Spec

Model	Ares-P5200L
Rated battery capacity	5.12kWh
Rated power	5kW
Rated voltage	51.2V
Voltage range	44.5V~58.2V
Cell	/
Operation current	100A (@25°C)
Max. charge/discharge current	105A/150A (@25°C)
Depth of discharge	90%
Operation space	Indoor
Operation temperature	Charge: 0°C~50°C; discharge: -10°C~50°C
Storage temperature	-20°C~60°C
Humidity	4~100% condensing
Altitude	<4000 m
Dimension[W*H*D]	514×585.96×241mm
Weight	65kg
Cooling	Natural cooling
Case material	Metal plate
Installation method	Ground
Enclosure rating	IP21
Communication	CAN/RS485
Protection	CE, RCM, TUV (IEC62619) UL1975, ROHS
Cycle life	>6000 cycles
Warranty	10 years or 4000 cycles, capacity>80%