

Powercontainer 1MW/2.064MWh



Responds to multiple fault scenarios; Customized BMS provides comprehensive measurement and protection functions.



Smart and User-friendly; On-grid model; Cloud dispatching and operation data analysis.



Support remote software update and components upgrade, Lower operation and maintenance costs.



Modular design, single unit management; Plug and play, supporting zero-test on site.



Model	PowerContainer
DC Data	
Battery Chemistry	Lithium Iron Phosphate (LFP)
Cell life Cycle	80% Retention With 5,000 Cycles @ 0.5C 25°C
Cell Spec	3.2V/280Ah
String Configuration	1P384S
Number of Strings	6
DC rated Energy/Capacity	2,064kWh
Rated Voltage	1,228.8V
Voltage Range	1,075.2V~1,363.2V
BMS Communication Interface	RS485, Ethernet
BMS Communication Protocol	Modbus RTU, Modbus TCP
AC Data	
Nominal AC Power	1,000kW
Rated AC Power	1,200kW
Maximum AC Power	1,320kW
Rated Poltage	690V
Grid Voltage Range	586.5~759V(Optional)
AC Rate of Current	836.8A
Output THDi	<3%
AC PF	0.1~1 Leading or Lagging (Controllable)
AC Output	3P+PE
General Data	
Dimension w/o Clearances (L*W *H)	6,058x2,438x2,591mm
Weight of The Whole System	26.5t
Degree of Protection	IP54
Operating Temperature Range	-20~40°C(Max. -30~55°C)
Relative Humidity	0~95% (Non-condensing)
Max Working Altitude	3,000m/9,842Feet (Non-derating)
Cooling Concept of DC Hatch	Air Cooling
Fire Fighting System	FK-5-1-12 (NOVEC1230)
Communication Interfaces	RS485, Ethernet
Certificates	UL9540, UN3536