



Outdoor Distributed Energy Storage System (Air-cooling)

Cube 125/161/192/225

- Thermally sensitive wire for fire extinguishment in extreme conditions
- Seamless switching time $\leq 10\text{ms}$
- Reduce on-site installation time and costs by 50%
- Photovoltaic energy at a DC/AC ratio of 1.9
- 2.5-hour energy storage/5 -hour energy storage



Model	Cube 125	Cube 161	Cube 192	Cube 225
System				
Battery Energy (kWh)	128	161	192	225
Rated Power (kW)	50	50/60/80	50/60/80/100	50/60/80/100/125
AC Output	400V, 3L+N+PE, 50Hz/60Hz			
Off-grid Switching Time (ms)	<10			
Communication	Wifi/4G/USB/CAN/RS485			
Cooling Method	Air cooling			
IP Rating	IP54			
Working Temperature (°C)	-20~55			
Humidity	5%RH~95%RH			
Altitude (m)	≤3000			
System Dimensions (W*D*H)mm	1000*1125*1700	1000*1125*2050	1000*1125*2050	1000*1125*2300
Fire Protection System	Aerosol			
Weight (kg)	1300	1700	1950	2180
Battery				
Battery Pack	32.15kWh/314Ah			
Battery Voltage Range (VDC)	358.4~460.8	448~576	537.6~691.8	627.2~806.4
Endurance Cycle	8000, 70% SOH (90%DOD, 25°C)			
Certification	IEC62619, IEC61000, UN38.3			
PV				
Max DC Input Power (kW)	96	96/120/160	96/120/160/200	96/120/160/240
Max DC Input Voltage (VDC)	1000			
Rated Input Voltage (VDC)	600			
MPPT Voltage Range (VDC)	150~850			
MPPT Number/Strings Number per MPPT Tracker	4*8/10*20			
AC Side				
Rated Output Active Power (kW)	50	50/60/80	50/60/80/100	50/60/80/100/125
Max Output Current (A)	76	76/91/121	76/91/121/152	76/91/121/152/189
THDi	<3%			
THDu	<3%			
PCS Certificates	EN62109, EN61000, IEC62116/IEC61727, EN50549, VDE4105, NRS 097 etc.			

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