

Outdoor Distributed Energy Storage System

Cube 261-Y

- Intelligent temperature control balance, system efficiency $\geq 89\%$
- High-efficiency 314Ah battery, cycle life 8000 times @70%
- Cloud platform interconnection management
- Multi-scenario application, and seamless switching between off-grid and on-grid within $< 20\text{ms}$



Model	Cube 261-Y
PV (DC)	
Max PV Input Power (kW)	220
PV Input Voltage Rate (V)	250-708
MPPT	4
Battery (DC)	
Rated Battery Energy (kWh)	261
Rated System Voltage (V)	832
Battery Type	LFP
Battery Capacity (Ah)	314
Series of Battery	1P*52S*5S
AC Output	
Rated AC Power (kW)	125
Rated AC Current (A)	180
Rated AC Voltage	400V, 3P+N+PE, 50/60Hz
THDi	<3% (rated power)
PF	-1 leading to+1 lagging
General Data	
Protection Level	IP54
Operating Temperature (°C)	-25~60(Derating above 45)
Altitude (m)	3000m (>3000m derating)
Communication	RS485/ CAN 2.0/ Ethernet/ dry contact
Dimensions (W*D*H)(mm)	1696*1350*2300
Fire Protection System	Aerosol
Cooling Method	Liquid cooling
Weight (approx.)(kg)	3400
Certificates	UN38.3, IEC62619, IEC/EN62477, EN61000, CEI016, IEC62116/IEC61727, G99,EN50549, VDE4110, NRS 097 etc.

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