

Outdoor Distributed Energy Storage System

Cube 225-Y

- Unlimited grid-connected expansion, support seamless switching within <math><10\text{ms}</math>
- Battery management system and comprehensive thermal management
- Fault classification protection mechanism
- Charge and discharge cycles ≥ 7000 times



Model	Cube 225-Y
PV (DC)	
Max PV Input Power (kW)	220
PV Input Voltage Rate (V)	250~607
MPPT	4
Battery (DC)	
Rated Battery Energy (kWh)	225
Rated System Voltage (V)	716.8
Battery Type	LFP
Battery Capacity (Ah)	314
Series of Battery	1P*32S*7S
AC Output	
Rated AC Power (kW)	100
Rated AC Current (A)	144
Rated AC Voltage	400V, 3P+N+PE, 50/ 60Hz
THDi	<3% (rated power)
PF	-1 leading to+1 lagging
General Data	
Protection Level	IP55
Operating Temperature (°C)	-25~60(Derating above 45)
Altitude (m)	3000 (>3000 derating)
Dimensions (W*D*H)(mm)	RS485/ CAN 2.0/ Ethernet/ dry contact
Dimension (W*D*H)mm	1700*1200*2300
Fire Protection System	Aerosol
Cooling Method	Air conditioning cooling
Weight (approx.)(kg)	3300
Certificates	UN38.3, IEC62619, IEC/EN62477, EN61000, CEI016, IEC62116/ IEC61727, G99, EN50549, VDE4110, NRS 097 etc.

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