

Outdoor Distributed Energy Storage System

Cube 1000-A

- Supports parallel operation of 4 cabinets and off-grid switching without communication
- Pre - installed in the factory for easy on-site installation
- Effortless operation and cloud monitoring
- The cell temperature difference $< 5^{\circ}\text{C}$



Model	Cube 1000-A
PCS Cabinet	Monet-500TS
Rated AC Power (kW)	500 (125*4)
Rated AC Current (A)	200*4
Rated AC Voltage	400V, 3W+N+PE
DC Voltage Range (V)	580~950
Isilation Transformer (optional)(kVA)	250/500
STS (optional)(kW)	150/300/600
Protection Level	IP54
Cooling Method	Intelligent air cooling
Altitude (m)	3000 (over 2000 derating)
Dimensions (W*D*H)(mm)	1350*1000*2300
Weight (approx.)(kg)	2240
Certificates	EN50549-1,EN 62477-1,VDE V0126-1-1, NRS 097-2-1, EN 50549-1/-2 NL, IEC61000-6-2/-4
PV Cabinet	Monet-(DC500)
Rated Power (kW)	500 (50*10)
PV Open-circuit Voltage (V)	250-607
Max PV Input Current (A)	10*160
MPPT Quantity	10
Power Factor	-1 leading to +1 lagging
THDU	<3% (Rated power)
Protection Level	IP54
Cooling Method	Intelligent air cooling
Dimensions (W*D*H)(mm)	1350*1000*2300
Weight (approx.)(kg)	900
Certificates	EN/IEC62109-11-2, EN/IEC 61000-6-21-4
Battery Cabinet	GM-225.0-HPB
Rated Battery Energy (kWh)	2.25
System Rated Voltage (V)	716.8
System Voltage Range (V)	580~817.6
Series of Battery	1P*32S*7S
Cooling Method	Air conditioning cooling
Protection Level	IP54
Dimensions (W*D*H)(mm)	1000*1100*2300
Weight (approx.)(kg)	2180
Certificates	UN38.3, IEC62619, IEC61000-6-21-4

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