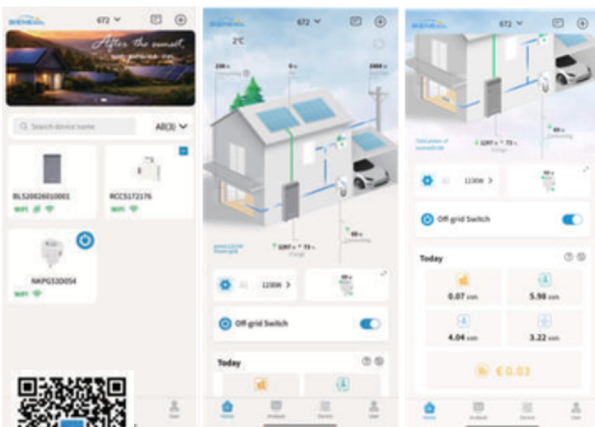




CUBE SERIES

Une solution tout-en-un pour les installations solaires de balcon. Énergie verte, stockage d'énergie fiable et autonomie énergétique.



Scan the QR code to download the APP

Advanced System Monitoring App

Cube-5200-800

TOUT EN UN SYSTEME DE STOCKAGE D'ENERGIE
TOUT EN UN Bidirectional Hybrid ESS

800W
Grid Power

2500W
Off-Grid Power

5120Wh
Large Battery Cube

EV-Grade Battery
3 layers Protection

4 MPPTs
400~650W*8pcs

6000 Cycles
LFP Battery

-20°C~+60°C
Battery heating film

TECHNICAL SPECIFICATIONS

Cube-5200-800

	PV Side	AC Port (On-grid)	AC Port (Off-grid)
Recommended Module Power (Wp)	300 - 650W	-	-
Quantity of PV Module	1 to 8	-	-
Max. PV Input Power (W)	2600W	-	-
Startup Voltage @Rated condition (V)	22V	-	-
Operating Voltage Range per Input (V)	16 - 60V	-	-
Max. Input Voltage per Input (V)	60V	-	-
Max. Input Current per Input (A)	16A	-	-
Number of MPPTs	4	-	-
Nominal AC Output power (VA)	-	≤800W※	≤2500W
Communication input power	-	≤2500W	-
AC Rated Output Voltage (V)	-	220/230/240V,L/N/PE, 50Hz/60Hz	-
Max. AC Output Current (A)	-	3.5A	-
Power Factor	-	>0.99 default, 0.8 leading -0.8 lagging	-
Max. AC Output Current (A)	-	-	11A
Nominal AC Voltage (V)	-	-	220V/230V/240V 50Hz/60Hz
Switch Time [ms]	-	-	< 20ms

BATTERY TECHNICAL SPECIFICATION

Battery Type	LiFePO ₄
Battery Rated Voltage	51.2V
Maximum Capacity	5120Wh
Working Voltage Range	41.6V-58.4V
Max. Standard Current	100A
Max. Discharge Current	100A
Charging temperature	0-55 C
Discharge template	-20-60 C

General Data

Dimensions (WxHxD mm)	630*380*251mm
Weight (kg)	62Kg
Communication	Wi-Fi/Bluetooth
Extra Communication Port	RS485
Display	SOC Light
Ingress Protection	IP65
Environmental Suitability	Indoor or Outdoor use
Type of Isolation	Reinforced insulation
Relative Humidity	0-95%, Non condensing
Cooling	Natural cooling
Protection Level	Class I
Over-voltage Category	PV II AC III
Operating Ambient Temperature Range	-20 ~ +60 C
Max. Operating Altitude [m]	≤2000m
Warranty	10 years or 6000 life cycles (25 C)
Battery Certification	UN38.3, IEC 62619/IEC 62109/IEC 62040/IEC61000/IEC62920/IEC62311, RED,VDE, EN 50549

* On-grid AC Output default setting 800W (comply with legal requirement), adjustable up to 2500W

