



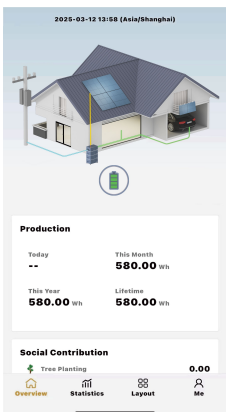
Built-in Wifi, Bluetooth,
APP Remote monitoring



Plug & Play,
Easy Installation



AFTER SUNSET, WE POWER ON.



Scan the QR code to download the App



Advanced System Monitoring App

CUBE SERIES

ALL-IN-ONE Balcony ENERGY STORAGE SYSTEM
ALL-IN-ONE Balcony Bidirectional Hybrid ESS



800W

Grid Power



2500W

Off-Grid Power



2662.4Wh

Large Battery Cube



10.64kWh

Stacked design



4 MPPTs

650W*4



EV-Grade Battery

3 layers Protection



-20°C~+60°C

Battery heating film



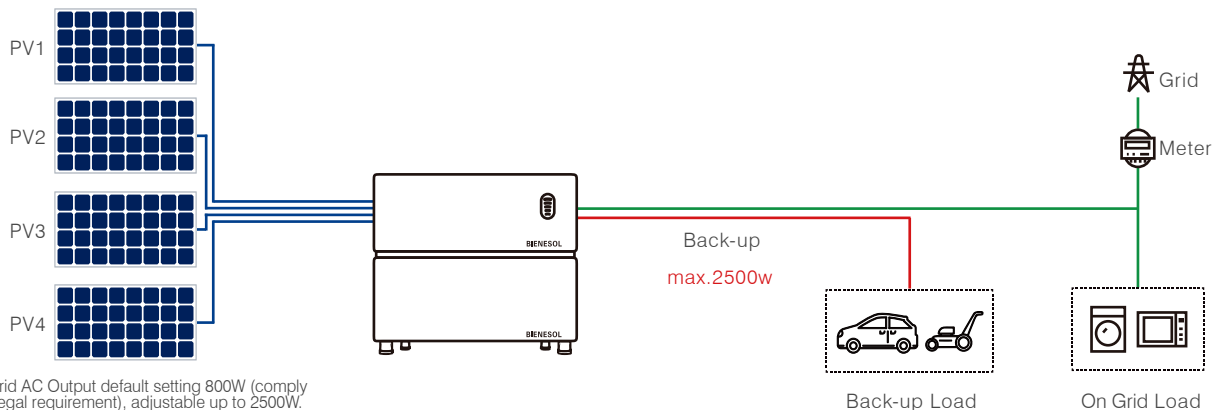
6000 Cycles

LFP Battery

TECHNICAL SPECIFICATIONS	Cube-AIO-M		
	PV Side	AC Output (On-Grid)	AC Output (Back-up)
Maximum PV Input Voltage	60V	-	-
Maximum PV Input Current	16A*4	-	-
Maximum Isc PV	16A	-	-
Single-channel MPPT power	≤650W	-	-
Operating Voltage Range	16-60V	-	-
Number of MPPTs	4	-	-
AC Output Power	-	≤800W ※	≤2500W ※ bidirectional
Communication input power	-	≤2500W	-
AC Rated Output Voltage	-	220V/230V/240V 50Hz/60Hz	-
Maximum AC Output Current	-	3.5A	-
Power Factor	-	-0.8~+0.8	-
Maximum standby output current	-	-	11A
AC Output Voltage	-	-	220V/230V/240V 50Hz/60Hz
Cooling Strategy	Natural cooling		
Standby Power	≤1W (Sleep) ≤25W (No-load loss)		
Normal operating temperature	-20 C ~60 C		
Display	LED light indication		
Wireless Connectivity	Bluetooth, WIFI		
Communication Interface	RS485		
Length*Width*Height (mm)	485*325*180		
Weight(kg)	17.5Kg		

BATTERY TECHNICAL SPECIFICATION	Cube2700-E	
Batter type	LiFePO4	
Battery Rated Voltage	51.2V	
Maximum Charging Current	50A	
Working voltage range	44.8V~58.8V	
Maximum system capacity	2.66KWhX4	
Maximum Discharging Current	50A	
Normal operating temperature	-20 C ~60 C	
Length*Width*Height (mm)	485*325*210	
Weight(kg)	29.5Kg	

General Data	
Relative Humidity	5%-95%
Maximum Altitude Rating	≤2000m
Protection Level	IP65
Environmental Suitability	Indoor or Outdoor use
Protection Level	Class I
Warranty	10 years or 6000 life cycles (25 C)
Battery Certification	UN38.3,IEC 62619



※ On-Grid AC Output default setting 800W (comply with legal requirement), adjustable up to 2500W. the backup port supports charging from microinverter.

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