



GreenArk

Energy Storage AC Coupled System

Ultra-safe

Semi-solid-state batteries
No fire, no smoke

Operates stably

From -20° up to 55°

Seamlessly integrates

With existing pv system

Zero feed-in

No wasted power with
Shelly smart meter

Stable stacked design

Expand seamlessly up to 6 packs & 15.6 kwh

Long-lasting performance

Up to 8000 cycles / 16 years lifespan / 10 years warranty

JMSSAC-2400**AC Input/Output (On-Grid)**

Rated Input / Output Power	2.4 kW / 0.8 kW
Working Phase	L / N / PE
Rated Grid Voltage	230 Va.c
Rated Grid Frequency	50 Hz
Rated Grid Input / Output Current	10.5 A / 3.48 A
Power Factor	>0.99
THD	<2%

Back-up (Off-Grid)

Rated Output Power	2.4 kW
Peak Output Power	4.8 kVA, 10 S
Rated Output Voltage	230 Va.c
THD	<2%

General Parameters

Photovoltaic Connection	MC4
Off-grid Port	European Socket
Display	LED
Communication	Bluetooth, WiFi
Protection Level	IP65
Dimensions / Packing Dimensions (WxHxD)	480x298x130 mm / 555x375x215 mm
Net Weight / Gross Weight	11 kg / 13.5 kg
Warranty	5 years

Basic Parameters (System)

Operating Ambient Temperature	Charge -10~55°C; Discharge -20~55°C
Relative Humidity	0%~100% RH
Cooling Method	Natural Cooling
Maximum Altitude	2000 m
Total Capacity of the Product	2.60 kWh~15.60 kWh

JMSSB-2600**Battery Parameter**

Rated Voltage	51.2 V(16S)
Battery Energy	2.60 kWh
Life Cycle	8000(25°C, 0.5C, 90%DOD, 70%EOL)
Battery Type	LiFePO ₄
Battery Capacity	50 Ah
Amount of Expansion Battery	6 PCS (max)
Dimensions / Packing Dimensions (WxHxD)	480x298x184 mm / 575x395x285 mm
Net Weight / Gross Weight	26.5 kg / 28 kg
Warranty	10 years