



GreenArk Pro

Hybrid Energy Storage System | JMSS-2400

 **Ultra-safe**
semi-solid-state batteries
no fire, no smoke

 **Operates stably**
from -20° up to 55°

 **2800W max PV power**
2*1000W MPPT Power+800W AC power
from micro inverter

 **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

GreenFlow Pro JMSS-2400

DC(PV Input)

Number of MPPTs	2
Maximum Input Power	2×1000 W
Operating Voltage Range	10 Vd.c.~100 Vd.c.
Rated Input Current (Single Channel)	20 Ad.c.
MPPT Efficiency	99.80%

AC Input/Output(On-Grid)

Rated Input / Output Power	2.4 kW / 0.8 kW
Working Phase	L / N / PE
Rated Grid Voltage	230 V
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	4800 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)	480×298×130 mm / 555×375×215 mm
Net Weight / Gross Weight (KG)	11.2 kg / 14.2 kg
Warranty	5 years

Basic Parameters (System)

Operating Ambient Temperature	Charge -10~55°C; Discharge -20~55°C
Relative Humidity	0~100%
Cooling Method	Intelligent 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	LiFePO ₄
Amount of Expansion Battery	6 PCS (max)
Dimensions / Packing Dimensions (WxHxD)	480×298×184 mm / 575×395×285mm
Net Weight / Gross Weight	26.5 kg / 28 kg
Warranty	10 years