



GreenFlow

All-in-one Hybrid Energy Storage System | JMSA-1200



1200W Max Input/Output Power



All-In-One design



Floor-standing design easy to install



Supports off-grid operation

GreenFlow JMSA-1200

DC(PV Input)

Number of MPPTs	2
Maximum PV Module Power	700 Wp×2
Recommend PV Vmp	28~48 Vd.c.
Maximum PV Input Voltage	60 Vd.c.
Starting Voltage	20 Vd.c.
Maximum Input Current (per MPPT)	20 Ad.c.

AC Input / Output(On-Grid)

Grid Type	Single phase
Grid Type	1200 W
Maximum Apparent Power	1200 VA
Rated Voltage	230 Vd.c.
Maximum Current Output	5.5 Ad.c.
AC Frequency	50 Hz
THDi	<1%
Power Factor Range	- 0.8~0.8

Back-up(Off-Grid)

Rated Power	1200W
Rated Grid Voltage	230 Va.c.
Max Output Current	5.5 Aa.c.
DC Frequency	50Hz

Efficiency

Maximum Efficiency of PV Charging	98%
Discharge the Battery to AC Maximum Efficiency	96%

General Parameters

Communication	Bluetooth, WiFi, CAN
Mounting	Floor-mounted
Dimensions (WxHxD)	450×385×205 mm
Net Weight	29.6 kg
Warranty	10 years

BATTERY

Parameter

Battery Energy	2.6 kWh
Rated Voltage	51.2 V
Battery Capacity	50 Ah
Life Cycles	6000(25°C, 0.5C, 90%DOD, 70%EOL)
Battery Type	LiFePO ₄
Operating Voltage Range	44.8~55.8 V
Maximum Charging Power	1.5 kW

Features

Operating Ambient Temperature	Charge -10~55°C; Discharge -20~55°C
Operating Relative Humidity	0% - 100% RH
Maximum Working Altitude	4000m(2000m derating)
Cooling Method	Natural Convection
Protection Level	IP65