



FEB



# Balcony Energy Storage System

## 600W 800W 1000W



Supports self consumption and feedback to grid.



Plug-and-play, easy installation and smart control and operation.



Free smart WIFI monitor, can be installed within 30S, user friendly.



Work mode, charging & discharge time and current are programmable.



Integrated with inverter, MPPT charger, AC charger, LiFePo4 battery inside.



Low starting voltage (up to 60Vdc PV input), all around protection.

Model No.	FEB-MI600-1KW	FEB-MI800-1KW	FEB-MI1000-1KW
<b>Off Grid Operation</b>			
Max. PV input power		1200W	
Rated AC output power		1000W	
Output peak power (W)		2000W(200ms)	
<b>Grid-Tie Operation</b>			
Rated power	600W	800W	1000W
Grid connected power	600W	800W	1000W
Mains charging curren		0-40A adjus table	
AC input voltage range		90-265VAC	
Input frequency range		50HZ/60HZ ±3HZ	
AC input connection type		L/N/PE	
<b>MPPT Solar Charger</b>			
Rated battery voltage		25.6V	
Charging current		40A max	
PV input voltage range		36-60VDC	
PV input power		1200W max.	
PV charging power		1000W max.	
Number of PV input tracker		1	
PV input interface		Anderson interface	
<b>Output (AC)</b>			
Nominal output Volt		220Vac, Single Phase	
Output frequency		50/60hz	
Nominal output current		4.5A	
Power factor		1	
Max. conversion efficiency (DC/AC)		91.5%max	
<b>Energy Storage Information</b>			
Nominal battery voltage		25.6VDC	
Core material		Lithium iron phosphate battery	
Energy storage capacity		1536wh/2500WH	
Core cycle		≥6000 cycles &25°C Standard charging and discharging process@80% SOH	
<b>General Infomration</b>			
PV cable		1 piece 4m <sup>2</sup> *5m double core 4m <sup>2</sup> PV cable	
AC cable		1 European power cord 1.8m	
Products dimension,D*W*H (mm)		744*420*160MM	
Products package,D*W*H (mm)		860*490*265MM	
Product net weight(kgs)		30kg /43KG	
Product gross weight(kgs)		31kg/45KG	
<b>Environment</b>			
The noise		60dB Max (1 meter)	
Humidity		5% to 95% Relative Humidity(Non-condensing)	
Operating temperature		- 10°C to 50°C	
Storage temperature		- 15°C to 60°C	