



FPR New Energy



Future Power Revolution



FPR M2000



Lightweight design

- 60% smaller, 30% lighter (2008Wh/17kg)



Adapt to extreme environments

- IP63 protection rating
- Charge and discharge at -30°C



GaN bidirectional inverter

- 50% less heat dissipation
- Up to 96% inverting efficiency



Quiet Operation

- Almost 0dB noise within 1000w



Semi-solid Li-ion battery

- Long lifespan
- 2,000+ life cycles



Safe and reliable

- UN38.3 certified
- BMS, EMS

FPR M2000

Basic Parameters		
Capacity		2,008Wh
Max. expansion capacity		6units
Total AC output		2,000W(surge 4,000W)
Battery		Semi-solid battery
Dimensions		497*240*325mm
Rated Capacity(25±5°C)		60Ah
Net weight		17kg
Output		
DC		100W×2
		12W×2/60W×2
AC		6
USBA1/USBA2		4.7-5.2V
USBA3/USBA4		4.7-20V
USBC1/USBC2		4.7-20V
Cigarette Lighter		11.5 - 15V
Input		
PD		Fast charging 100W×2
Car charging		12/24, 8A/ 500W with fleet 500
Adapter		120V, 60Hz, 15A Max.
AC		120-240V.2H
Solar		1000W(Max.)
Other features		
Charging		-30°C- 40°C
Discharging		-30°C- 40°C
Self discharge		< 50ua
Storage ambient temperature		-20- 60°C
Storage Relative Humidity		5% - 85%

*Specifications are subject to change without prior notice.

FPR P1000/P1000S



Lightweight design

- 60% smaller, 30% lighter



Adapt to extreme environments

- IP63 protection rating
- Charge and discharge at -30°C



Quiet Operation

- Almost 0dB noise within 1000w



Safe and reliable

- UN38.3 certified
- BMS, EMS

FPR P1000/P1000S

Basic Parameters

Capacity	1016Wh,78.4Ah/121Wh,307.2Ah
AC output power	1,000W

Output

DC	12V/6A Max.
AC	220V,50Hz; 110V,60Hz/50Hz
3 USBA	5V/2.4A
1 USBC	PD3.0,5-20V,100W
1 Type-C	PD 100W
Car charging port	12V/12A Max. support car start
LED	5W,10W,SOS,Quick flashing

Input

AC	100V-240V 60/50Hz 2.5A Max.
DC	20V/9A 150W
PV	17-24V/6A
Adapter	120V, 60Hz,15A Max.
Car charging	12.6-15V/100W
Solar	160W(Max.) 3hours

Other features

Working temperature	-30-40°C
Net weight	8kg
Single gross weight	10.4kg
Dimensions	294*175*118mm

*Specifications are subject to change without prior notice.

FPR P800



Lightweight design

- 60% smaller, 30% lighter



Adapt to extreme environments

- IP63 protection rating
- Charge and discharge at -30°C



Quiet Operation

- Almost 0dB noise within 1000w



Safe and reliable

- UN38.3 certified
- BMS, EMS

FPR P800

Basic Parameters

Capacity	747Wh, 204.8Ah
Output power	800W

Output

DC (W)	112V /6A Max
AC	220V 50Hz;110V 60Hz/50Hz
3 USB-A	5V/2.4A
1 USB-C	PD3.0 5-20V 100W(Max)
1 Type-C	PD 100W
Car Charging Port	12V/12AMax, support car start
LED	5W, 10WSOS, Quick flashing

Input

AC	100V-240V 60/50Hz 2.5A Max.
DC	20V/9A 150W
PV	17-24V/6A
Car charging	12.6-15V/100W
Solar	160W Max 3Hours

Other features

Working Temperature	-30°C~40°C
Dimensions	267x175x118(mm)
Net weight	6 (Kg)
Single gross weight	8.4 (Kg)

*Specifications are subject to change without prior notice.

FPR P300



Lightweight design

- 60% smaller, 30% lighter



Adapt to extreme environments

- IP63 protection rating
- Charge and discharge at -30°C



Quiet Operation

- Almost 0dB noise within 1000w



Safe and reliable

- UN38.3 certified
- BMS, EMS

FPR P300

Basic Parameters

Capacity	343Wh, 92.8Ah
Output Power	350W

Output

AC	220V50Hz/110V60Hz/50Hz
DC	12V /6A Max
3 USB-A	5V/2.4A
1 USB-C	PD3.0 5-20V 100W(Max)
1 Type-C	PD 100W
Car Charging Port	12V/12AMax, support car start
LED	5W, 10W, SOS, Quick flashing

Input

AC	100V-240V 60/50Hz 2.5A Max
DC	20V/9A 65W
PV	17-24V/6A
Car charging	12.6-15V/100W
Solar	120W Max 3Hours

Other features

Working Temp -30°C~40°C	-30- 40
Dimensions	175x140x118(mm)
Net weight	3.5 (Kg)
Single gross weight	4.5 (Kg)

*Specifications are subject to change without prior notice.

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