iBox-DC400
384Wh/30Ah

**LIGHTS YOUR HOME
POWER YOUR FAMILY**

This product is our classic 0.4kWh model. It features a diverse range of output ports, capable of simultaneously charging mobile phones, powering LED lighting, and running fans, while also supporting other small DC appliances. The unit supports both AC charging and solar charging modes. We offer 80W, 120W, and 180W solar panel options for this product, with varying charging efficiencies depending on the panel selected. The package includes an LED light and a DC fan. With its sleek and practical design, it is ideal for portable use anytime, anywhere. Additionally, it comes with a built-in safety power management system to ensure product longevity.
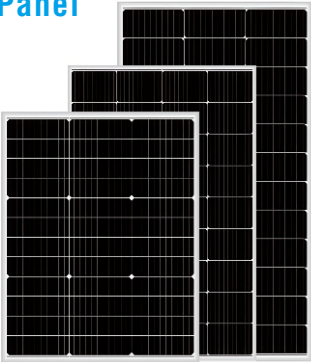
PRODUCTS FEATURES

- The battery utilizes Grade A cells for extended service life, exceeding 2000 cycles.
- Multiple output ports accommodate various devices simultaneously.
- It supports both AC mains and solar panel charging.
- Integrated design of inverter and BMS.

No.		iBox-DC400
Model	Battery Capacity	384Wh(12.8V30Ah)
	Cell Type	Lithium
	Net Weight	3.65KG
	Net size	267x130x230mm
	Gross Weight	4.3KG
	Package Size	315x180x28mm
DC Output	5*DC5521	60W/5~12V
	2*DC5525	60W5~12V
	2*USB-A	22.5W/5V~12V
	1*USB-C	60W/5~12V
Input	AC Charging	30W(220V~240V)
	Solar Charging	180W Max/XT60
	USB-C Charging	60W Max
Music Platform	Mode	Radio/Buletooth/USB
	External	1*USB-A,1*USB-C, 1*SD,1*AUX

Notes:

80W Solar Panel full charge time is around 5~6hours.

120W Solar Panel full charge time is around 3~4hours.

150W Solar Panel full charge time is around 2~3hours.

Solar Panel

Model	INT-M80W	INT-M120W	INT-M180W
Rated Power	80W	120W	180W
Vmp(V)	20.2	20.2	20.2
Imp(A)	3.96	5.94	8.91
Voc(V)	24	24	24
Isc(A)	4.3	6.46	9.69
Size(mm)	740*580*30	1075*580*30	1200*765*30
Weight(Kg)	4.5	6.6	9.5
Working Temperature	$-40^{o}C \sim +80^{o}C$		

This calculation based on solar panel Standard Test Conditions (STC):
AM=1.5, Irradiation 1000W/m², Panel Temperature 25°C

DC Fan

Model	INT-F20DC
Rated Power	20W
Speed	2000rd/min. Max
Dimension	430*250*500-700
Weight(Kg)	1.7
Colors	Black

LED

Model	INT-LED3
Rated Power	3W/5W
Lumens	240/400
Colors	White
Cable	3 meters

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