



## SOLAR PLUG&PLAY



Domestic installation



## LI-ION BATTERIES



Back-Up system

Peak Shaving



## IMPROVES CUSTOMER SATISFACTION



All-In-One



Reduced installation times

CAUTION: READ THE INSTRUCTION AND INSTALLATION MANUAL BEFORE USING THE PRODUCT.

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## Model SunBox Series 5.0

### Photovoltaic panels data

Max. photovoltaic field power	6500 Wp
PV voltage range	100-500 V
MPPT working range	125-425V
Starting voltage	150V
Independent MPPT	2
Maximum current per MPPT	13A
Category DC surges	II

### AC Output

#### (Self-consumption with grid)

Maximum power	11500W
Rated output voltage	230V
Rated output frequency	50/60Hz

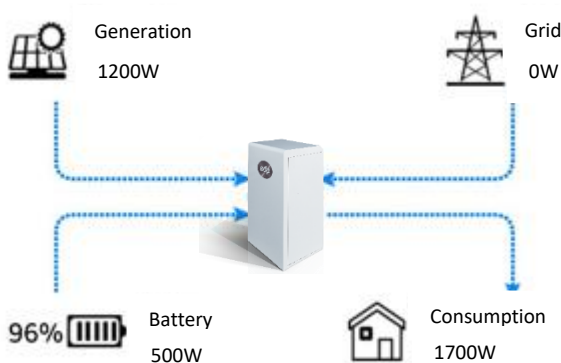
### AC Output

#### (Self-consumption with grid/Off-grid)

Nominal power	5000W
Maximum power	5500W
Rated output voltage	230V
Rated output frequency	50/60Hz

### Batteries data

Capacity	5,1kWh / 10,2kWh
Usable capacity	4,60kWh / 9,20kWh
DoD	90%
Cycles at 90% DoD	>6000
Cells	Metal Can
Type of technology	LiFePO4
Nominal battery voltage	51,2V
Max. Charge/discharge current	50A/100A
BMS communication	CAN



Hybrid system function in parallel with the grid



**Monitoring**

**APP & WEB**

### DC protections (per MPPT)

4 x Fuse holder and fuse 1000Vdc/15A	Integrated
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### AC protections

Magnetohermic Grid	Integrated
Magnetohermic Load	Integrated

### General data

Communication with the Portal	Wi-Fi
IP rating	IP20
User interface	APP
Weight (Kg)	95Kg
Switch OnGrid-OffGrid	Automatic
Dimensions (width*height*depth)	600*1400*600mm

### Certificates and Regulations

Network connection regulations	RD1699
Safety regulations	IEC/EN62109-1 & -2

EMC

EN61000-6-1,  
EN61000-6-2,  
EN61000-6-3,  
EN61000-6-4,  
EN61000-4-16,  
EN61000-4-18,  
EN61000-4-29



**Battery TE5100**

**10 years warranty**