



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
BMS communication	CAN

DC protections (by MPPT)

CAT II surges	Integrated
2 x Fuse holder and fuse 1000Vdc/15A	Integrated

AC protections

Magnetohermic Grid	Integrated
Magnetohermic Load	Integrated

General data

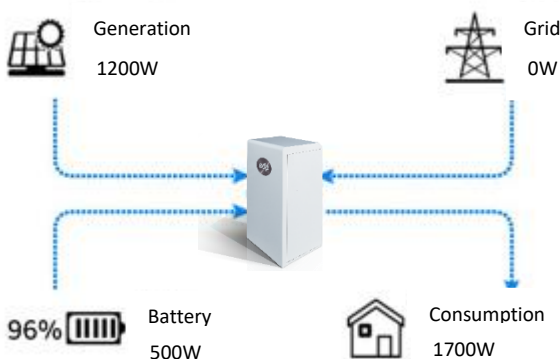
Communication with the Portal	Wi-Fi
IP rating	IP20
User interface	APP
Weight (Kg)	95Kg
Switch Self-consumption to Grid	Automatic
Dimensions (width*height*depth)	600*1400*600mm

Certificates and Regulations

Network connection regulations	RD1699
Safety regulations	IEC/EN62109-1 & -2 IEC 62040-1

EMC

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



Hybrid system function in parallel with the grid



Monitoring

APP & WEB



Battery TE5100

10 years warranty