



## 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

### Three Phase SunBox Series 10.0

#### Photovoltaic panels data

Max. photovoltaic field power	13000 Wp
PV voltage range	160-800 V
MPPT working range	200-650V
Starting voltage	160V
Independent MPPT	2
Maximum current per MPPT	26A + 13A
Category DC surges	II

#### AC Output (Self-consumption with grid)

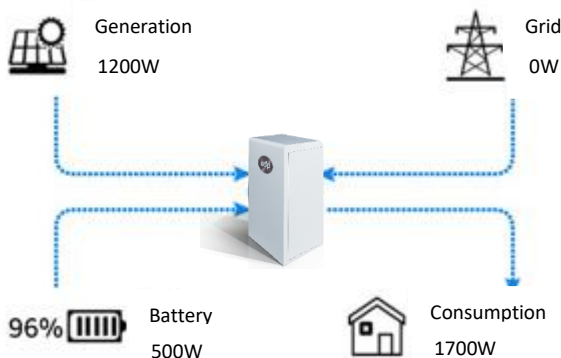
Maximum current per phase	32A
Rated output voltage	400V (three phase)
Rated output frequency	50/60Hz

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

Nominal power	10000W
Maximum power	11000W (21.7A per phase)
Rated output voltage	/400V (three phase)
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 (MPPT)

6 x Fuse holder and fuse 1000Vdc/15A	Integrated
Overcurrent protections	Integrated

#### AC protections

Magnetohermic Grid	Integrated
Magnetohermic Load	Integrated
Magnetohermic Gen Port	Integrated

#### General data

Communication with the Portal	Wi-Fi
IP rating	IP20
User interface	APP
Weight (Kg)	110Kg
Switch OnGrid-OffGrid	Automatic
Dimensions (width*height*depth)	600*1400*600mm

#### Certificates and Regulations

Network connection regulations	RD1699
Safety regulations	IEC/EN62109-1 & -2
	EN61000-6-1,
	EN61000-6-2,
	EN61000-6-3,
	EN61000-6-4,
	EN61000-4-16,
	EN61000-4-18,
	EN61000-4-29

EMC



**Battery TE5100**

**10 years warranty**