



# Off-Grid 7200 HV

## High Voltage Inverter



10-year design life



Parallel operation for up to 6 units



Dual MPPT with PV oversizing



Customisable RGB LED status indicator



Flawless communication with most major lithium brands



Built-in Wifi for mobile monitoring

### Warranty



2 Year Warranty

### Comprehensive Certifications

- IEC 62109-1:2021 EN 62109-1:2021
- IEC 62109-2:2011 EN 62109-2:2011
- IEC 61683:1999



RGB Status  
Indicator

10 Year  
Design Life

Dust  
Filter

Android iOS  
Monitoring App

Dual  
MPPT

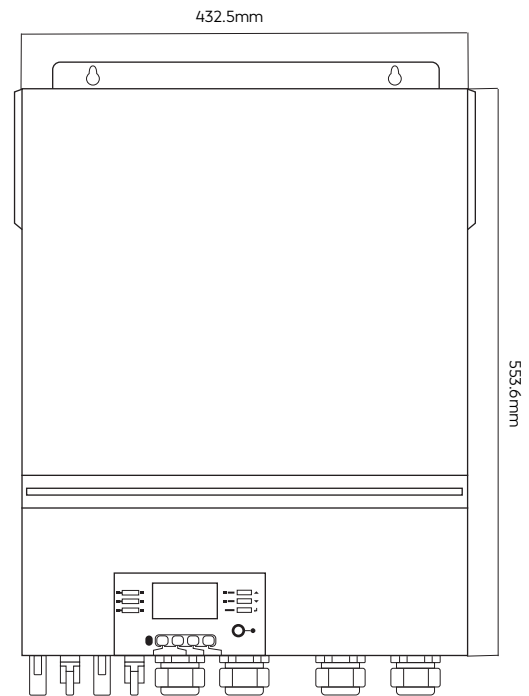
PV  
Oversizeable

## Mechanical Characteristics

Weight	18.4kg
Package Material	Black Powder Coat Steel
Dimensions	147.4mm x 432.5mm x 553.6mm
Communication Ports	USB/RS232/RS485/Wifi/Dry-contact
Cooling	Dust protected dual exhaust fan
IP Rating	IP21

## Features

Intelligent BMS Communication	Flawless communication with most major battery brands over RS485 Protocol
Dual MPPT with PV Oversizing	Ultra efficient MPPT algorithm for maximum performance even on cloudy days
Remote Monitoring	Built-in Wifi for remote monitoring via Web browser Android or IOS
Interactive User Interface	Customizable RGB LED status bar, LCD screen
Intelligent Charging Algorithm	3 Stage battery charging
Warranty	2 years



## Electrical Characteristics

AC Input	230 VAC +/- 5%
AC Output	230 VAC +/- 5%
Max Surge Power	15 000VA (5s)
Waveform	Pure Sine Wave
Self-Consumption	>70W
Battery Voltage	48-66VDC
No. of MPPT Trackers	2
Max PV Input	8000W (4000Wx2)
Max PV Isc	18A x 2
MPPT Operating Range	90-450VDC
Max PV Open Circuit Voltage	500VDC
Max Solar Charge Current	80A
Max AC Charge Current	80A
Max Combined Charge Current	80A
Parallel Capability	Up to 9 units

## Operating Environment

Humidity	5% - 95% relative humidity
Operating Temperature	-10 to 50°C
Storage Temperature	-15 to 60°C

## Protection Features

Overcharge Protection

Over Temperature Protection

15000VA Surge Current Protection (5s)

Battery Overload Protection