

Off-GRID Solar Inverter

ALPHA 1.2

OnyxLine



Features

- ☒ Pure sine wave inverter
- ☒ Built-in BMS communication port
- ☒ Built-in anti-dust kit
- ☒ Inverter running without battery
- ☒ Configurable input voltage range for home appliances and personal computers via LCD setting
- ☒ Configurable battery charging current based on applications via LCD setting
- ☒ Configurable AC/Solar Charger priority via LCD setting
- ☒ Compatible to mains voltage or generator power
- ☒ Overload/ Over temperature/ short circuit protection
- ☒ Smart battery charger design for optimized battery performance

Brand	Onyxline
Model Name	Alpha 1.2
Max. PV Array Power	2000W
Model Number	Ony-1.2-12
Rated output Power	1.2KVA/1.2KW
Output Voltage Waveform	Pure Sine Wave
Output Voltage Regulation	230Vac \pm 5%
Output Frequency	50Hz
Peak Efficiency	93%
Overload Protection	5s@ \geq 130% load; 10s@105%~130% load
Surge Capacity	2* rated power for 5 seconds
Nominal DC Input Voltage	12Vdc
Cold Start Voltage	11.5Vdc
High DC Recovery Voltage	15Vdc
High DC Cut-off Voltage	16Vdc
Nominal PV Voltage	240Vdc
PV Array MPPT Voltage Range	60~300Vdc
Max. PV Array Open Circuit Voltage	350Vdc
Max. Input Current	13Amp
Max Charging Current (AC charger plus solar charger)	100Amp
Dimension (D*W*H)	mm 90 x 288 x 357
Net Weight,	kg 6.5

Made in CHINA