

HYBRID INVERTER ZON4

Applications



Commercial car park



Street lighting/monitoring



Greenhouse



Commercial



SOLAR HYBRID INVERTER WITH EMC COMPLIANCE

Features

- Lithium Battery Auto-Restart Function for more convenient lithium battery charging
- Intelligent power supply mode with smart distribution of Solar Panel / Mains / Battery power sharing
- Adjustable Utility Charging Voltage and PV Charging Voltage to support different battery charging requirements
- Battery reverse connection protection with fuse switch for safer installation Slim body design for convenient installation and transportation
- PF 1.0 high efficiency with lower power consumption for energy conservation and cost saving
- Supports operation without battery, reducing overall solar system cost
- High precision output voltage of $\pm 5\%$ to protect your appliances
- Communication options available: External WiFi for real-time monitoring anytime
- Built-in BMS function for lithium battery support

Inverter Specifications

Model		INTU ZON4
Input Formation		L+N+PE
AC Input		220/230/240VAC
Input Voltage Range		90-280VAC±3V(Normal Mode) 170-280VAC±3V (UPS Mode)
Frequency		50/60Hz (Adaptive)
Rated Power		4000W
Output Voltage(AC)		220/230/240VAC±5%
Output Frequency		50/60Hz±0.1%
Output Wave		Pure Sine Wave
Transfer Time(Adjustable)		10ms for Computer Equipment,20ms for Household Equipment
Peak Power		8000VA
Overload Ability		Battery Mode: 11s@105%~150% Load; 2s@150%~200% Load; 400ms@>200% Load
Grid connected Operation	Output Voltage	220/230/240VAC
	Grid Voltage Range	170-265VAC
	Grid Frequency Range	49-51±1Hz/59-61±1Hz
	Output Current	17.4A
	Power Factor Range	>0.99
	Max efficiency (DC/AC)	>98%
Rated Voltage		24VDC
Constant Charging Voltage		28.2VDC
Float Charging Voltage		27VDC
PV Charging Method		MPPT
Max PV Input Power		6500W
PV Input Voltage Range		60~500VDC
MAX PV Input Voltage		500VDC
MAX PV Input Current		27A
MAX PV Charge Current		120A
MAX AC Charge Current		100A
MAX Charge Current		120A
LCD		Can display operating mode/load/input/output
RS232		5PIN/Pitch2.54mm,Baud Rate 2400
Expansion Slot Communication Interface		Lithium Battery BMS Communication Card,WIFI 2×5PIN/Pitch2.54mm
Parallel Interface		Not Support Parallel
Operating Temperature		0°C~40°C
Storage Temperature		-15°C~60°C
Altitude		No more than 1000m, If 1000m< Rate power will lower, MAX 4000m
Operating Environment Humidity		Non Condensing
Noise		<50dB
L*W*T (mm)		495*312*125mm

Manufactured By
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