

N3300S

2.4-3.3kW Single-phase Off-grid Inverter

2.4kW/3kW/3.3kW

- Compact and lightweight high frequency inverter with pure sine wave output
- Integrated MPPT charge controller
- Configurable grid or solar input priority
- Backup switch time ≤10ms
- Intelligent load management and automated start/stop of diesel engines via dry contacts
- Multiple protections for overload, short circuit and deep discharge to ensure equipment safety
- Cold start Function
- Great battery compatible capability
Compatible with lead-acid and lithium batteries with lithium battery activation function
- Automatic restart when AC power is restored
- Configurable AC / PVinput priority via LCD setting
- Optional WIFI/ GPRS remote monitor



Technical Specification

Model	N2400S		N3000S		N3300S	
Specification						
Battery Voltage(VDC)	24					
Battery Type	Lithium/Lead-acid					
Inverter Output						
Rated Power	2400VA/2400W	3000VA/3000W	3600VA/3600W			
AC Voltage(Battery Mode)	230VAC ± 5% @ 50/60Hz					
Surge Power	4800VA, 5S	6000VA, 5S	7200VA, 5S			
Peak Power (off-grid)	5s@≥150% load; 10s@110%~150% load					
Peak Efficiency(%)	94.1					
Transfer Time	10ms typical (UPS,VDE); 20ms typical (APL)					
Solar Charger						
Maximum PV Array Power(W)	1500					
MPPT Range @ Operating Voltage(VDC)	30 ~ 120					
Number of Independent MPP Trackers/ Strings Per MPP Tracker	1/1					
Maximum PV Array Open Circuit Voltage(VDC)	145					
Maximum Solar Charge Current(A)	60					
Maximum MPPT Efficiency(%)	98					
AC Charger						
Max Charge Current(A)	30					
AC Input Voltage(VAC)	220/230					
Selectable Voltage Range	170-280 VAC (UPS) ; 90-280 VAC (APL); 186-253 VAC (VED)					
Frequency Range(Hz)	50/60 (Auto sensing)					
Max AC and Solar Charger(A)	80					
General						
Protection Degree	IP21					
Dimension (W/H/D)(mm)	311/3980/127					
Net Weight(kg)	7.2					
Humidity	5% to 95% Relative Humidity(Non-condensing)					
Altitude(m)	<2000					
Operating Temperature(°C)	0 - 55					
Storage Temperature(°C)	-15 - 60					

Technical Specification

Model	N2400S	N3000S	N3300S
Display	LCD+LED		
Communicatiom Interface	CAN / RS485 / Wifi / DRY Connector		
Warranty	2 years		
Standard& Certification			
	IEC62109-1, IEC62109-2, IEC/EN 61000		