

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, 94.1% maximum conversion efficiency
- Configurable grid or solar input priority
- Backup switch time $\leq 10\text{ms}$
- 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 $\pm 5\%$ @ 50/60Hz		
Surge Power	4800VA, 5S	6000VA, 5S	7200VA, 5S
Peak Power (off-grid)	5s@ $\geq 150\%$ 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($^{\circ}\text{C}$)	0 - 55		
Storage Temperature($^{\circ}\text{C}$)	-15 - 60		

Technical Specification

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