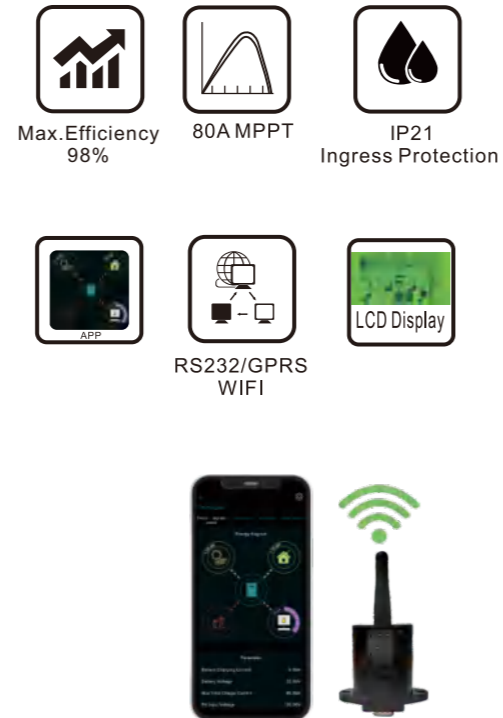
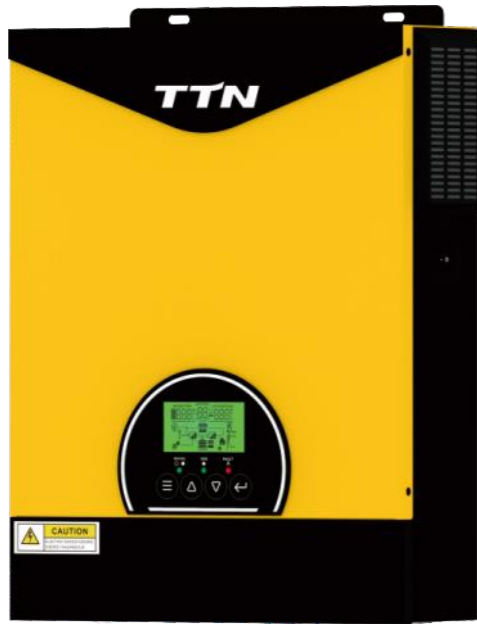


**OFF GRID SOLAR INVERTER** **TTNergy PAL SERIES**



**Features**

- Pure sine wave solar inverter
- Wifi&GPRS available for IOS and android
- Built-in 80A MPPT solar charger
- High PV input voltage range( 30~400VDC)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- meet rich customized demands
- Compatible with lithium battery
- Solar energy is provided directly to the load first

**SPECIFICATIONS**

Model	TTN PAL -2000-12	TTN PAL -3200-24
RATED POWER	2000VA/1600W	3200VA/3000W
<b>AC Input</b>		
Voltage	230VAC	
Selectable Voltage Range	170~280VAC(For Personal Computers) 90~280VAC(For Home Appliances)	
Frequency Range	50 Hz/60Hz(Auto sensing)	
<b>AC OUTPUT</b>		
AC Voltage Regulation	230VAC±5%	
Surge Power	4000VA	6400VA
Efficiency(Peak)PV to INV	98%	
Efficiency(Peak)Battery to INV	94%	
Transfer Time	10 ms (For Personal Computers);20 ms (For Home Appliances)	
<b>BATTERY</b>		
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13.5VDC	27VDC
Overcharge Protection	16VDC	33VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>		
Solar Charger Type	MPPT	
Maximum PV Array Power	2000W	3000W
MPPT Range @ Operating Voltage	30~400VDC	
Maximum PV Array Open Circuit Voltage solar	400VDC	
Max Input Current	1/13A	
Maximum Solar Charge Current	80A	
Maximum AC Charge Current	60A	
Maximum Charging Current (Solar+AC)	80A	
<b>PHYSICAL</b>		
Dimension,D*W*H(mm)	357*273*95	
Carton Dimension,D X W XH(mm)	440*340*170	
Net Weight(kgs)	5	5.6
Gross Weight(kgs)	6	6.3
Communication interface	RS232/GPRS/WIFI	
<b>ENVIRONMENT</b>		
Humidity	5% to 95% Relative Humidity(Non ~ condensing)	
Operating Temperature	-10°C ~ 50°C	
<b>STANDARD</b>		
Compliance Safety	CE	