

1000W Pure Sine Wave Power Inverter with Charger&ATS **TYPC-1000 Series**

■Features:

- Pure sine wave output (THD<3%)
- High surge power up to 2000W
- USB Port (5V,0.5A), **Remote Control (Optional)**
USB Port : 1A and 2.1A are also available
- Built in Battery Charger and Auto Transfer Switch
- 10ms transfer time between battery and AC
- 3-stage Battery Charging: Bulk Charge, Absorption Charge, Float Charge
- Two multiple controlled DC fans: Temperature & Load.
- Protections: Bat.low alarm/Over voltage/Over shutdown/
Output short/ Input reverse polarity/ Over load
- 1 year warranty



SPECIFICATION

	TYPC-1000	TYPC-1000-12V	TYPC-1000-24V	TYPC-1000-48V
OUTPUT	Rated Power	1000W		
	Maximum Output Power	2000W SURGE POWER; 1500W for 10sec, 2000w for 2sec		
	AC Voltage	100~120VAC / 200~240VAC (Optional)		
	Frequency	50Hz±0.1% or 60Hz±0.1% (Optional)		
	Waveform	Pure sine wave output (THD<3%) at rated input voltage		
	Socket Types	USA/Australia/Universal/UK/France/Germany/South Africa		
	Led Indicator Light	Inverter, Fault, Charging, Full		
INPUT	Bat.Voltage	12V	24V	48V
	Voltage Range	10.8V-15.5V	21.6V-31V	43.2V-62V
	DC Current	100A	50A	25A
	No Load Consumption	<0.5A	<0.25A	<0.13A
	Efficiency	90% (Full Loading) / 95% (1/3 Loading)		
	Battery Types	Open & sealed lead acid battery		
BATTERY INPUT PROTECTION	Fuses	35A*4	20A*4	10A*4
	Low Voltage Alarm	10.8V± 0.2V	21.6V±0.4V	43.2V±0.8V
	Low Voltage Shut down	10.2V± 0.2V	20.4V±0.4V	40.8V±0.8V
	Over Voltage Shut down	15.5V±0.2V	31V±0.4V	62V±0.8V
	Reverse Polarity	By fuse open		
OUTPUT PROTECTION	Over Temperature	Shut Off Output Automatically, Temperature >75℃		
	Output Short	Protection type: Shut down o/p voltage, re-power on to recover		
	Over Load	Protection type: Shut down o/p voltage, re-power on to recover		
BUZZER ALARM	Low Battery Alarm	Buzzer sound 2times and Red light blink 2times every 8sec		
	Low Battery Shutdown	Buzzer sound 3times and Red light blink 3times every 8sec		
	Over Voltage Shutdown	Buzzer sound 4times and Red light blink 4times every 8sec		
	Over temperature Shutdown	Buzzer sound 5times and Red light blink 5times every 8sec		
	Short Circuit/Overload Shutdown	Red light blink constantly		
CHARGER SPEC.	AC Input Voltage	AC 100V-120V±10%, AC 220V-240V±10%		
	DC Charging Current	20A	10A	5A
	Charge Voltage(Absorb Charging)	14.6V	29.2V	58.4V
	Charge Voltage(Float Charging)	13.8V	27.6V	55.2V
	Three-stage Charging	Bulk/Absorption/Float charge		
	Automatically Switching Time	≤10ms		
	Working Temp.	-10℃~+50℃		
ENVIRONMENT	Working Humidity	20%~90% RH Non-Condensing		
	Storage Temp.	-30℃~+70℃		
SAFETY	CE EMC	Compliance to EN61000-3-2,3; EN55022; EN55024		
	CE LVD	Compliance to EN62040-1:2008		
	RoHS	Compliance to 2011/65/EU		
PACKING	Inner Box	515*195*137 mm, 5.5kg		
	Carton	540*420*300 mm, 23kg		
	Package	4pcs /Carton		
ACCESSORIES	Battery Cable & AC Plug Cable	1x Positive & 1x Negative Battery Cables, 1x AC Plug Cable		
	User Manual	1x English Manual		
	Fuse	4x Replaceable fuses		