

TP600 standalone inverter

TP600M
TP600S

24Vdc 1-3KVA
48Vdc 1-6KVA

Combined with modern semiconductors and sophisticated control algorithm, TP600 series inverter could achieve a compact size of maximized power density.

TP600 series standalone inverter was a standby design with an integrated utility bypass. With a dip switch, the inverter can be set into either AC priority mode or DC priority mode.

For 100Vac/110Vac/120Vac, max 3kva is available

Features:

- * 19"1U or 19"2U
- * High Frequency standby design with
- * Transfer time 5-8ms
- * Working mode selectable (AC priority or DC priority)
- * High Frequency design
- * DC/AC isolation improving system security
- * System parameters programmable
- * Complete protection
- * Thermal controlled fan
- * RS232 or RS485 communication port and Dry point
- * Voltage adjustable 230Vac (200-240) or 110Vac (100-120)
- * Front panel connection version available

LCD version features

- * History record
- * Parameters settable by user
- * TP610M is only available in 19"2U
- * TP630M are model with power factor 0.7
- * Overload capability of TP660S is different, please consult us.



TP400 standalone inverter



TP400 is a standalone inverter with built in MCB protected outputs. It is available with max 3KVA 48VDC or 2KVA 24VDC

- * max 4 x 10A outputs

Model	TP605 / TP610	TP620 / TP630	TP640 / TP650 / TP660
Electrical			
DC input	24Vdc or 48Vdc		48Vdc
Dc input range	-17% ~ +25%		
AC Input			
AC input	110VAC or 230VAC (— 25% ~+20%)		230VAC (— 25% ~+20%)
Frequency range	±10%		
Output power	500VA, 1KVA	2KVA, 3KVA	4KVA, 5KVA, 6KVA
Wave form	Pure sine wave		
Power factor	0.8		0.7
Norminal output voltage	110VAC or 230VAC		230VAC
Voltage variation	Max ± 2%		
Output frequency	50/60Hz ± 0.1%		
Efficiency	Max 88%		
THD	<3% liner load <5% non-liner load		
Crest factor	3:1		
Overload	125% 10secs 110% 10mins		
Transfer time	5-8ms		
Dynamic response time	< 30ms		
LVD	20Vdc or 40Vdc		40Vdc
Display & Communication			
LED indicator	Working mode, Fault info, Battery capacity indicator, Load % indicator		
Communication Interface	RS232 or RS485 3xDry contact		
Safety & Enviroment			
Operating Temp.	-20 °C - 60 °C		
Isolation	1500Vrms		
Mechanical			
Dimension (HxWxD)	19"1U	19"2U	19"2U
Depth	319mm	256 / 321mm	321 / 390mm
Weight	6kgs	6 / 12kgs	15kgs
Cooling	forced fan with thermal control		
Enclosure	IP20		
Standard			
Safety	EN60950-1		
Emmission	EN55022		
Immunity	EN55022		