



- Ultra-Fast Transfer Relay: Reduce transfer time between bypass mode and inverter mode, Reduce possibility of voltage drop.
- Universal Protection Curcuit : Overload, Load life for battery, Earth Fault, Short Curcuit, Over-temperature, Soft-start
- Turbo Cooling : Keep the inverter surface cool and higher efficiency
- Decide your own AC backup time by choosing different batteries.



MODEL	TT-UT-UPS-600-12V	TT-UT-UPS-600-24V	TT-UT-UPS-1000-12V	TT-UT-UPS-1000-24V
<b>INVERTER PART</b>				
AC Voltage[V AC]	230			
Rated Power [W]	600		1000	
Surge Power [W]	1200		2000	
Waveform	Pure Sine Wave			
Frequency [Hz]	50±3			
AC Regulation [%]	±10			
Standart Receptacles	A, B, C, D, E, F, G Optional, Plug Same As Socket (Optional)			
Led indicator	Charger, Inverter, Fault			
DC Voltage [V]	12	24	12	24
Voltage Range [V DC]	10-15	20-30	10-15	20-30
No Load Current Draw [A]	≤ 0.35		≤ 0.45	
AC Public Power Voltage [V]	230			
Efficiency [%]	>90			
DC Fuse (Built-In) [A ca]	40x2	20x2	30x4	15x4
Public Power AC Fuse (Built-In) [A ca]	7.5x1			
<b>CHARGER PART</b>				
Max Charging Current [A]	10	5	10	5
Charging Way	3 Stage ( Constant Current, Constant Voltage, Float Charge)			
AC Input Voltage Range [V]	190~265			
AC Fuse [A ca]	3x1			
Suitable Battery	Gel & AGM ( We Can Offer Different Charge Way According To Different Batteries )			
<b>BY PASS MODE</b>				
By Pass Switching Time [ms]	≤ 8			
<b>AVS FUNCTION</b>				
AC Input Low Voltage Protection	Yes, Shutdown			
AC Input High Voltage Protection	Yes, Shutdown			
Time Delay	17 Seconds			
<b>PROTECTION</b>				
Bat.Low Alarm [V DC]	10.5 ± 0.5	21 ± 1	10.5 ± 0.5	21 ± 1
Bat.Low Shut Down [V DC]	9.5 ± 0.5	19 ± 1	9.5 ± 0.5	19 ± 1
Over Voltage [V DC]	15.5 ± 0.5	31 ± 1	15.5 ± 0.5	31 ± 1
Bat.Low Voltage Recover [V DC ]	11.5 - 12	23-24	11.5 - 12	23-24
Overload [W]	700-800		1100-1200	
Earth Leakage Protection	Shut Down, Auto.Reset			
Thermal Methods	Dual Cooling Fans,Temp.Control Or 30% Load Auto.on			
Start-Up Mode	Soft Start Up			
Reverse Polarity	By Fuse Open			
<b>PHYSICAL FEATURES</b>				
Dimension (LxWxH) [mm]	270x230x100		330x230x100	
N.W/Unit [kg]	2.8		3.6	
QTY/Ctn [pcs/kgs/cm]	4 /14.3/61x32.5x38.5		2/9.6/40x31.5x38	

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MODEL	TT-UT-UPS-1500-12V	TT-UT-UPS-1500-24V	TT-UT-UPS-2000-12V	TT-UT-UPS-2000-24V
<b>INVERTER PART</b>				
AC Voltage[V AC]	230			
Rated Power [W]	1500		2000	
Surge Power [W]	3000		4000	
Waveform	Pure Sine Wave			
Frequency [Hz]	50+3			
AC Regulation [%]	±10			
Standart Receptacles	A, B, C, D, E, F, G Optional, Plug Same As Socket (Optional)			
Led indicator	Charger,Inverter,Fault			
DC Voltage [V]	12	24	12	24
Voltage Range [V DC]	10-15	20-30	10-15	20-30
No Load Current Draw [A]	≤ 0.75			
AC Public Power Voltage [V]	230			
Efficiency (Typ.) [%]	>90			
DC Fuse (Built-In) [A ca]	30x6	15x6	30x8	15x8
Public Power AC Fuse (Built-In) [A ca]	10x1			
<b>CHARGER PART</b>				
Max Charging Current [A]	15	8	15	8
Charging Way	3 Stage ( Constant Current, Constant Voltage, Float Charge)			
AC Input Voltage Range [V]	190~265			
AC Fuse [A ca]	3x1			
Suitable Battery	Gel & AGM ( We Can Offer Different Charge Way According To Different Batteries )			
<b>BYPASS MODE</b>				
By Pass Switching Time [ms]	≤10			
<b>AVS FUNCTION</b>				
AC Input Low Voltage Protection	Yes, Shutdown			
AC Input High Voltage Protection	Yes, Shutdown			
Time Delay	17 Seconds			
<b>PROTECTION</b>				
Bat.Low Alarm [V DC]	10.5 ± 0.5	21 ± 1	10.5 ± 0.5	21 ± 1
Bat.Low Shut Down [V DC]	9.5 ± 0.5	19 ± 1	9.5 ± 0.5	19 ± 1
Over Voltage [V DC]	15.5 ± 0.5	31 ± 1	15.5 ± 0.5	31 ± 1
Bat.Low Voltage Recover [V DC]	11.5 - 12	23-24	11.5 - 12	23-24
Overload [W]	1600-1700		2100-2200	
Earth Leakage Protection	Shut Down, Auto.Reset			
Thermal Methods	Dual Cooling Fans,Temp.Control Or 30% Load Auto.on			
Start-Up Mode	Soft Start Up			
Reverse Polarity	By Fuse Open			
<b>PHYSICAL FEATURES</b>				
Dimension (LxWxH) [mm]	395x230x108			
N.W/Unit [kg]	5.3		5.7	
QTY/Ctn [pcs/kgs/cm]	2/13/45x30.5x37.5			

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