

US/UL Series Tower Online UPS

1-3kVA (220V/230V/240V)

US/UL series is online double-conversion UPS with full DSP control technology. With high input and output power factor, self-adjusting output frequency and network management, US/UL is a perfect choice for computers, telecommunication equipments and other sensitive devices.



Application

IDC(Internet Data Center),network,servers and workstations, control system, communication system, office,PC etc

Features

- Wide range of input voltage while input PF>97%
- LCD/LED display, monitoring all the operation status
- Output PF of 0.9 , more powerful load capability
- Auto fan speed adjustment
- Full protection of overvoltage, circuit short and over temperature
- In-built output transformer for TX branch

Specification

MODEL	I	US-1000 TD	UL-1000	US-2000 TD	UL-2000	US-3000 TD	UL-3000
		US-1000 -TX	UL-1000 -TX	US-2000 -TX	UL-2000 -TX	US-3000 -TX	UL-3000-TX
	II	US-1000-II	UL-1000-II	US-2000-II	UL-2000-II	US-3000-II	UL-3000-II
Capacity		1kVA		2kVA		3kVA	
Phase		Single Phase in, Single Phase out					
Input voltage		110VAC-288VAC					
		100% load@>176VAC; 80% load@>154VAC; 70% load@>132VAC; 50% load@>110VAC					
Input PF		≥0.97					
Input frequency		40Hz ~ 70Hz					
Output PF	I	0.9 (0.8 for TX branch)					
	II	0.8					
Output voltage		220V/230V/240V					
Voltage regulation		± 1 % (±5% for TX branch)					
THDu		THD≤2%(linear)					
		THD≤5.5%(non-linear)		THD≤5%(non-linear)		THD≤5%(non-linear)	
Crest factor		3:1					
Efficiency		87.0% (80% for TX branch)		91.0% (81% for TX branch)		90.0% (81% for TX branch)	
Noise		<43dB@<70%Load, <47dB@>70%Load		<45dB@<70%Load, <50dB@>70%Load		<45dB@<70%Load, <50dB@>70%Load	
Overload capability		Inverter	105% ~ 130%: to bypass after 1 min; 150%: to bypass after 30 sec				
		Battery	105% ~ 130%:shut down after 10 sec; 150%:shut down after 5 sec				
Battery voltage	I	36VDC		72VDC		96VDC	
	II	24VDC		48VDC		72VDC	
Battery type/numbe	I	12V,7Ah*3	External	12V,7Ah*6	External	12V,7Ah*8	External
	II	12V,7Ah*2	External	12V,7Ah*4	External	12V,7Ah*6	External
Max charging current		1A	8A	1A	8A	1A	8A
Interface		RS232,EPO					
Optional		USB(B Type),SNMP, Dry contact					
W*D*H(mm)	I	144*353*222		190*374*336		190*427*336	
		144*353*438		190*427*570		190*427*570	
	II	144*353*222		190*374*336		190*374*336	
Weight(kg)	I	10.5	5	21	8.5	24.5	9.5
		25	20	45	34	55	40
	II	10	6	17	11	22	12