

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 US-1000 -TX	UL-1000 UL-1000 -TX	US-2000 US-2000 -TX	UL-2000 UL-2000 -TX	US-3000 US-3000 -TX	UL-3000 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*222 144*353*438		190*374*336 190*427*570		190*427*336 190*427*570	
	II	144*353*222		190*374*336		190*374*336	
Weight(kg)	I	10.5 25	5 20	21 45	8.5 34	24.5 55	9.5 40
	II	10	6	17	11	22	12