

UPS Power

TNDE-EH500x Series

Online UPS 1KVA~20KVA

Feature:

- Rated power 1KVA to 20KVA
- Pure sine wave output
- IGBT technology
- N+X parallel redundancy
- LCD+LED Display
- Cold start function
- Support RS232 monitoring function with free CD

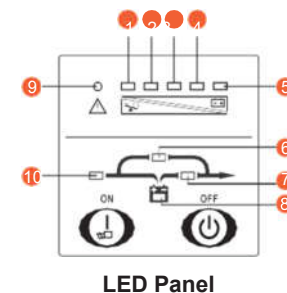
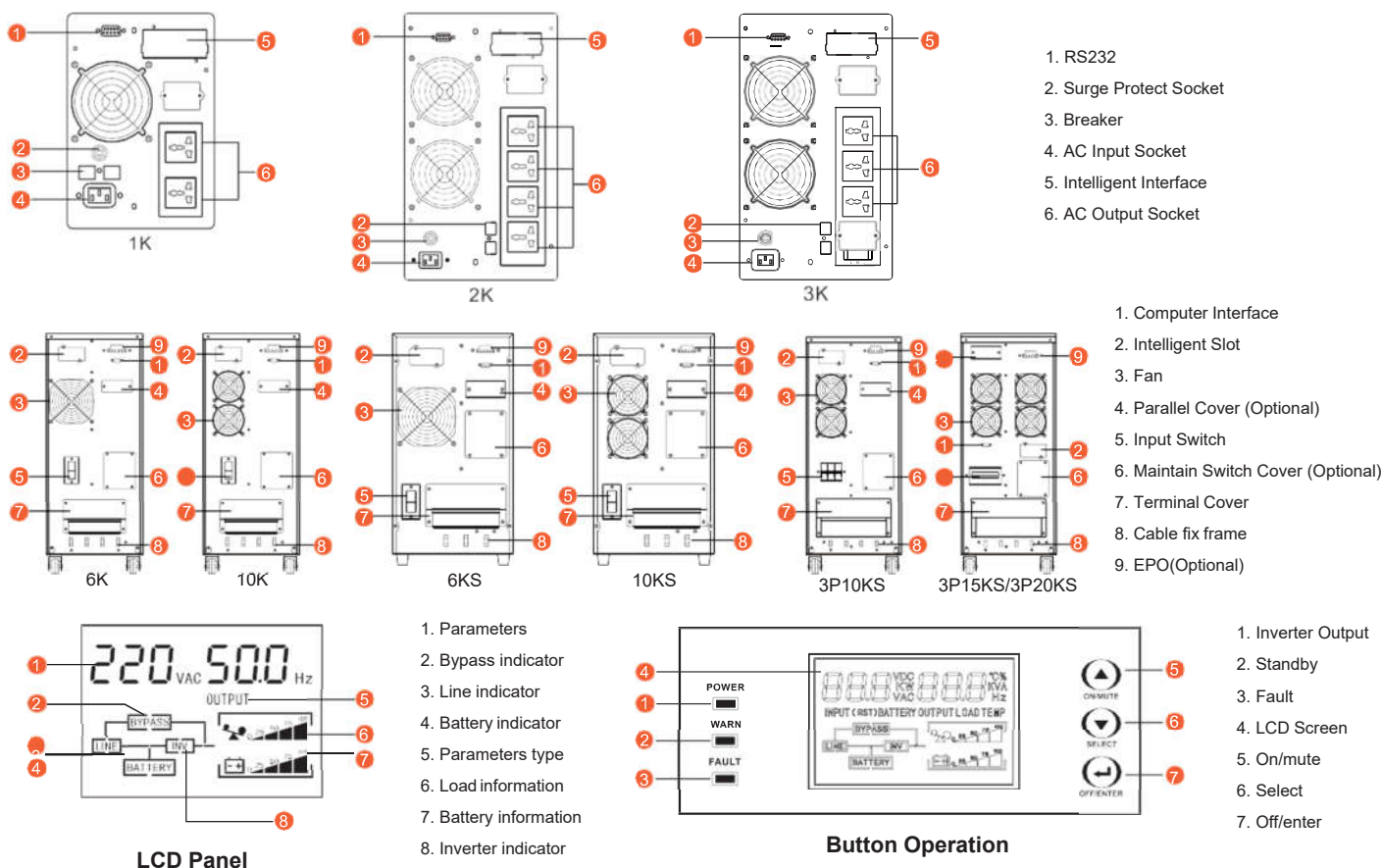
Introduction:

This Online Series is an uninterruptible power supply incorporating conversion technology. It provides perfect protection specifically for computer equipment, communication systems to computerized instruments.

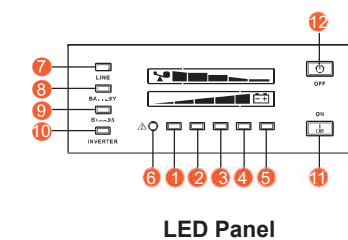
The double-conversion principle eliminates all mains power disturbances. A rectifier converts the alternating current from the utility power to direct current. These direct current charges the batteries and powers the inverter. On the basis of this DC voltage, the inverter generates a sinusoidal AC voltage which is constantly powering the loads.

Computers and Peripherals are thus powered entirely by the UPS. In the event of power failure, the maintenance-free batteries power the inverter.

LCD Display Information



- LED1: Load/battery capacityinfo
- LED2: Load/battery capacityinfo
- LED3: Load/battery capacity info
- LED4: Load/battery capacity info
- LED5: Load/battery capacity info
- LED6: Bypass info
- LED8: INVERTER INFO
- LED9: BATTERY INFO
- LED10: FAULT INFO
- LED7: LINE INFO



- LED1: Load/battery capacityinfo
- LED2: Load/battery capacityinfo
- LED3: Load/battery capacityinfo
- LED4: Load/battery capacityinfo
- LED5: Load/battery capacityinfo
- LED10: FAULT INFO
- LINE INFO
- BATTERY INFO
- BYPASS INFO
- INVERTER INFO
- ON/MUTE BUTTON
- OFF BUTTON

Specification

MODEL	TNDE- HC1K	TNDE- HC1KS	TNDE- HC2K	TNDE- HC2KS	TNDE- HC3K	TNDE- HC3KS	TNDE- HC6K	TNDE- HC6KS	TNDE- HC10K	TNDE- HC10KS	TNDE- 3HC10KS	TNDE- 3HC15KS	TNDE- 3HC20KS
Capacity (VA/W)	1000VA/800W		2000VA/1600W		3000VA/2400W		6KVA/4.8KW		10KVA/8KW			15KVA/12KW	20KVA/16KW
INPUT													
Phase	Single Phase						1PH 2W+G			3PH 4W+G			
Voltage Range	110-300VAC						120-275VAC			207-476VAC			
Frequency	40~70Hz; 50/60Hz Auto adaptation						46~64Hz; 50/60Hz Auto adaptation						
Power Factor	>0.99									>0.95			
OUTPUT													
Voltage Range	208/220/230/240x (1±1%) VAC												
Frequency Range	Main mode:(46~54)Hz / (56~64)Hz Battery mode:50(±0.1%)Hz / 60(±1%)Hz												
Crest Ratio	3:1												
Power Factor	0.8												
Output Waveform	Pure Sine Wave												
Outlet	IECx4/ universal x2		IECx4/ universal x4		IECx3 Terminal x1 /universal x3		Hard Wiring with Terminal Black						
TRANSFER TIME													
Transfer Time	Zero												
Inverter to Bypass	<4ms						Zero						
INDICATOR													
LED	Load/Battery capacity/Main mode/Bypass mode/Fault												
LCD	Load/Battery/Input/Output/Operation Mode												
ENVIRONMENT													
Operating Environment	0~40℃												
Humidity	20-90%(non-condensing)												
Noise	<50db@1 Meter						<60db@1 Meter						
Temperature	-25℃~55℃ (no battery)												
OTHER													
Protection	Load<110%, Keep working; 110%<Load≤130%>1min; 130%<Load≤150%>Immediately						Load<105%, Keep working; 105%<Load≤125%>1min; 125%<Load≤135%>30sec						
Efficiency	Up to 85%		Up to 88%				Up to 90%						
Battery Inbuilt	2pcsor3pcsx12V/7.2AHOption		6 pcs x 12V/7.2AH		6pcsor8pcsx12V/7.2AHOption		16pcsx12V/7.2Ah/9Ah	external battery	16pcsx12V/7.2Ah/9Ah	external battery			
Battery DC Voltage	DC24V/36V		DC72V		DC72V/96V		DC192V						
PHYSICAL													
Machine Dimension W*H*D(mm)	145*220*400		192*348*460				248*500*616	240*500*460	248*500*616	240*500*460	248*500*616		
Net Weight(kgs)	12	24.7	24.7	24.7	30	31	62	20	64.2	20	25	33.5	40.8
Gross Weight	13.8	26.5	26.5	26.5	32.4	32.2	65	23	66	23	31	39.5	43
Package Dimensions W*H*D(mm)	495*230*321	605*335*482			595*325*473	605*335*482	660*360*720				605*405*590		660*360*720
Loading(20GP/40GP/40HQ)	850pcs / 1600pcs / 2000pcs		260pcs / 480pcs / 600pcs				220pcs / 377pcs / 500pcs				150pcs / 280pcs / 380pcs		

* Product specifications are subject to change without further notice.