

HD-5KTEX Series



- Tower model.
- IGBT dual-conversion single-phase online technology protects the UPS output.
- Parallel units with optional max 4 UPS.
- LCD display with advanced, monitoring for easy UPS management.
- THDv $\leq 1\%$ at linear load.
- Efficiency $\geq 96\%$ online mode and $\geq 98\%$ at ECO mode.
- Optional extended battery banks & chargers.
- Charging time up to 90% on 4 hours.
- RS232 computer connection protocol & optional for SNMP/HTTP agent.
- UPS software for UPS monitoring & management.

Specifications

MODEL	HD-5KTEX
Capacity	5KVA/4.8KW
INPUT	
Phase	1PH 2W + G
Voltage	220/230V(selectable)
Voltage range	120 ~ 276VAC
Frequency/ Fre. range	50/60Hz; 46~74Hz
Power factor	>0.99
OUTPUT	
Voltage/Voltage range	220/230/240VAC(autoselect or settable) $\pm 1\%$
Frequency range	50/60Hz $\pm 0.1\%$
Crest ratio	3:1
Power factor	0.96
Output waveform	True sine wave
Outlet	Hard wiring with Terminal block
TRANSFER TIME	
Transfer time	Switch to battery mode 0ms; Inverter to bypass <4ms
INDICATOR	
LCD display	Display and control: Load/ Battery/ Input/ Output/ Bypass/ Operations mode/ Fault
LED display	Alarm by sound and flash when Battery low/Low voltage/Fan fault...
OTHERS	
Protections	Load $\leq 105\%$: Keep working; $105\% < \text{Load} \leq 125\%$: 1min; $125\% < \text{Load} \leq 135\%$: 30s; Automatically shutdown or transfer to bypass when the bypass block still works properly in case of overload, overvoltage, undervoltage, over temperature, short circuit.
Communications	Management program UPS via RS232 computer connection protocol. Auto shutdown or control PC/server before UPS stops working-HD ProserIT/UPSmart software; Optional for EPO/SNMP/ RS485/ Dry contacts.
Battery/Backup time	16pcs*12V/9Ah (12.5mins at 100% load; 26mins at 50% load)
Battery type	Hyundai VRLA, Sealed Lead-acid, maintenance free battery. Battery life ≥ 5 years
Battery voltage	192VDC
Battery test	Automatic battery test mode, capacity test, quick setting mode
Operating environment	Temperature Operating environment: $0 \sim 40^{\circ}\text{C}$; Storage temp $-25^{\circ}\text{C} \sim 55^{\circ}\text{C}$ (no battery)
	Humidity $20 \sim 90\%\text{RH}$ (non-condensing)
	Noise <50dB @1m
PHYSICAL	
Dimension D*W*H (mm)	500*248*616
Net weight (kg)	62

* Product specifications are subject to change without further notice

2023@version