

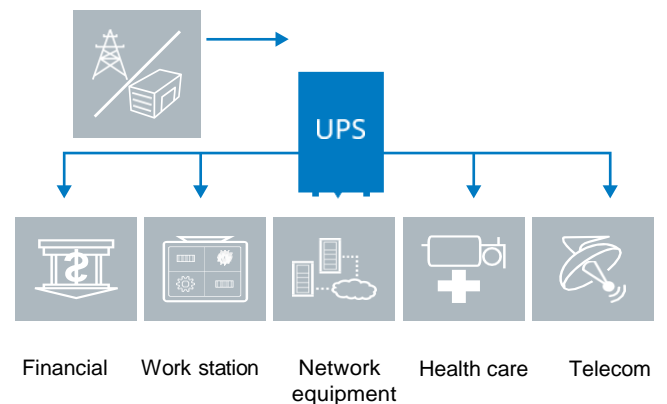
HD-2KTEX 2KVA TOWER CASE



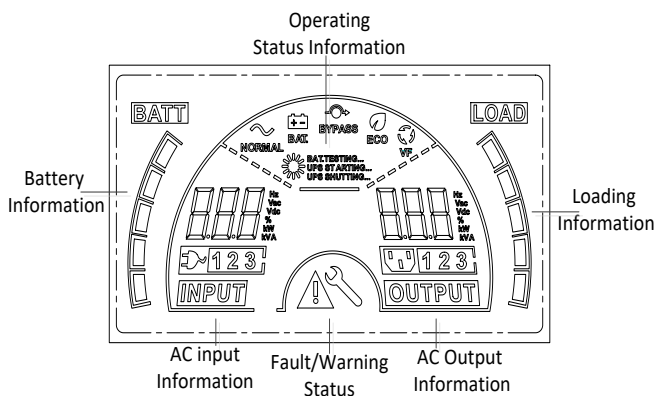
Key features

- True online double-conversion technology with high adaptability to harsh mains conditions
- Wide input voltage range (100-300Vac)
- 0.9 output power factor with up to 12.5% more power offer than traditional 0.8pf.
- Optional EBM for flexible backup time configuration.
- Compact size requiring small installation space
- Programmable LCD display for quick UPS parameters configuration.
- Various communication for easy management: RS232, EPO, mini slot.
- Winpower monitoring

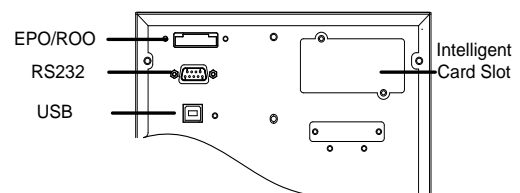
Typical Applications



Display panel



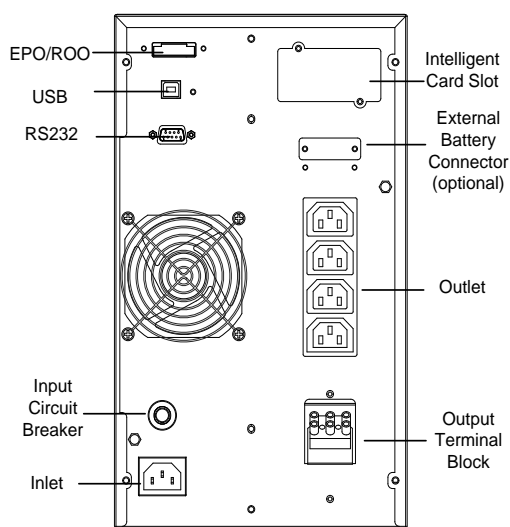
Communication Cable



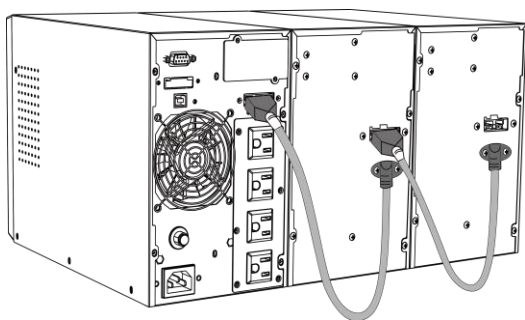
MODEL		Online 1 phase tower UPS 2KVA
		HD-2KTEX
CAPACITY	VA/W	2000VA/1800W
INPUT	Rated Voltage	Single phase 208/220/230/240VAC (selectable)
	Input Voltage Range	100 ~ 300 VAC
	Frequency	50/60Hz (Auto-sensing or selectable)
	Frequency Range	40-70Hz
	Input Wiring	Single Phase with Ground
	Bypass voltage range	187-265V(120-275V Max)
OUTPUT	Output Power Factor	0.9
	Nominal Output Voltage	208/220/230/240VAC (Auto-sensing or selectable)
	Voltage Regulation	±1%
	Rated output current	9.1A
	Frequency Range	50/60Hz (auto-sensing or selectable); ±0.05Hz at Battery Mode
	Overload	100 ~105% continuous; 60Sec@105 ~130% Rated Load; 30Sec@>130 ~150% Rated Load
	Short circuit current	30A/60ms
	Voltage Distortion (THDv)	<2% @ linear load
	Waveform	Pure Sine Wave
	Protections	Short-circuit, overload, low battery, overvoltage, undervoltage and fan fault..
EFFICIENCY	Inverter Mode	91%
	ECO mode	98%
BATTERIES	Battery Type	VRLA Hyundai battery 12V Sealed Lead-acid maintenance free battery. Battery life ≥3 years
	Number of Internal Battery	4
	Rated Battery Voltage	48VDC
	Backup time at full load	5-6mins
	Backup time at 50% load	≥10mins
	Charging Current	1A
	Recharging time (90%)	5 hours
	Battery management	Automatic Battery test, Quick test, Battery capacity
TRANSFER TIME	Battery Mode <-> Inverter Mode	0ms
	Inverter Mode <-> Bypass Mode	<4ms
DISPLAY CONTROL	LCD	(DSP)Digital signal processors control with display operating status: Load/Battery/Input/Output/Bypass/Operation modes/Frequency/Fault
	LED	Audible alarm & flash
	Load information	Indicates Load level by 0-20%;21-40%;41-60%; 61-80%; and 81-100%
DIMENSION	W x H x D (mm)	190×318×368
	Weight (Kg)	18.2
ENVIRONMENT	Operating Temperature	0° C-40° C
	Humidity	0% ~ 97%RH (non-condensing)
	Noise Level	<50dBA

INTERFACE	Communication	RS232 with UPS management program via RS232 computer connection protocol monitoring and controlling with software. Auto shutdown or control PC/server before UPS stops working
		EPO(Emergency Power Off)/Intelligent slot(SNMP Network Management Protocol)
		Optional: USB/ SNMP card(NMC Card)/CMC(Centralized monitoring card)/ RS485 based Modbus protocol monitoring/AS400 Card
	Protection level	IP20
ACCESSORIES		User manual, RS232 cable

REAR VIEW



External Battery Module



Internal circuit configuration

