

INTEGRATED ONLINE OUTDOOR UPS 1KVA TO 10KVA



Key Features:

Hexatron Technology, Integrated Outdoor Intelligent High Frequency Online UPS provide continuous pure sine wave AC power supply for outside communications/network equipment.

Double-conversion online design, high temperature resistant, anti-cold, sealing level for IP55; With the wide range of input voltage and frequency of input window (-45% +35% rated voltage and + 10% rated frequency), tested in many remote areas across the regions.

Model/Ordering Info	HTODU5001	HTODU5002	HTODU5003	HTODU5006	HTODU5010
Capacity	1KVA/ 0.9KW	2KVA/1.8KW	3KVA/ 2.7KW	6KVA/5.4KW	10KVA/9KW
Nominal voltage	220/230/240VAC				
Frequency	50Hz/60Hz				
Input					
Voltage Range	115-295VAC(+3VAC)			176-297VAC(+3VAC)	
Frequency Range	50Hz (46-54 Hz) ; 60Hz (56-64 Hz)				
Soft Start	0-100% 5sec				
Power factor	0.98				

Output

Voltage Precision	220/230/240VAC X (1+2%)VAC				
Frequency Precision	50Hz/60Hz+0.05Hz				
Power Factor	0.7/0.8(optional) standard 0.7				
Wave Distortion	Linear load<3% Non-linear load<6%				
Overload capability	Overload (110-150%) for 30seconds, then automatically transfer to bypass. When load is normal, it can automatically transfer to normal mode				
Crest Factor	3:1				
Transfer time	Oms (AC to DC)				
DC Supply Voltage	36VDC	96VDC	96VDC	240VDC	240VDC
Charging current	4A/8A(optional)	4A/8A(optional)	4A/8A(optional)	4.2A	4.2A
Internal Battery Capacity	(38/65/80/100AH) optional				

Panel display

LED	Load level/Battery level, Battery indicator, Utility power, Inverter, Bypass, Overload, Fault
-----	---

Communications

Communicate interface	RS232, SNMP card (optional)
-----------------------	-----------------------------

Work Environment

Temperature	-40°C to 55°C
Humidity	0-95%(Non-condensing)
Storage Temperature	-25°C to 55°C
Elevation	<1500m

Physical Characteristics

Net Weight (KG)	85(W/O battery)	125(W/O battery)	125(W/O battery)	150(W/O battery)	150(W/O battery)
Dimensions:(WxDxH) mm	613*640*954	650*753*1227	650*753*1227	940*940*1770	940*940*1770

STANDARD: Conform to GB/IEC regulation: EMC:GB7260.2/IEC62040-2-GB/17626 2 5/IEC61000-4-2 5 SAFETY:GB4943

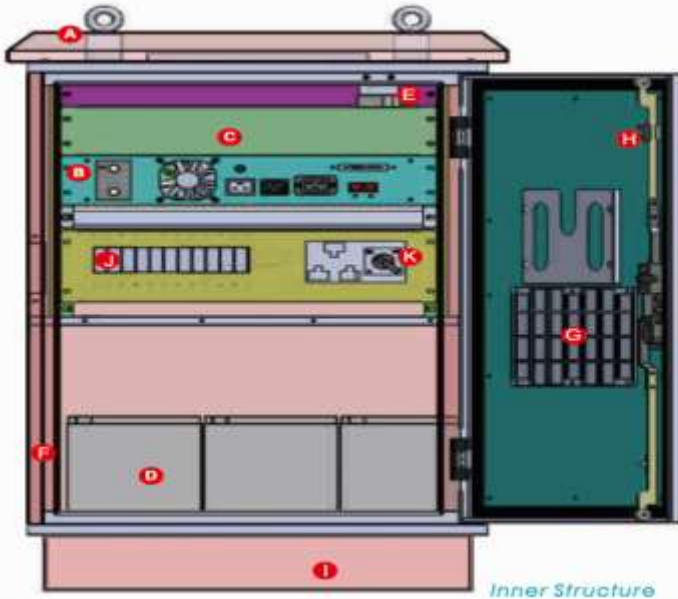


High Reliability UPS system:

- Using Microprocessor control, the system directly produce high frequency pulse with modulation wave (SPWM) control of the UPS inverter to simplify the UPS control circuit, which improves the stability, and to have more real time adaptivity of UPS to quickly respond to changes in the external environment and guarantee the machine control circuit with more simple and reliable.
- Using digital control techniques, to avoid the traditional analog control temperature drift inherent defects such as hardware parameters, to ensure consistency and reliability of UPS

Reliable power Rich experience:

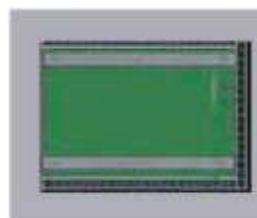
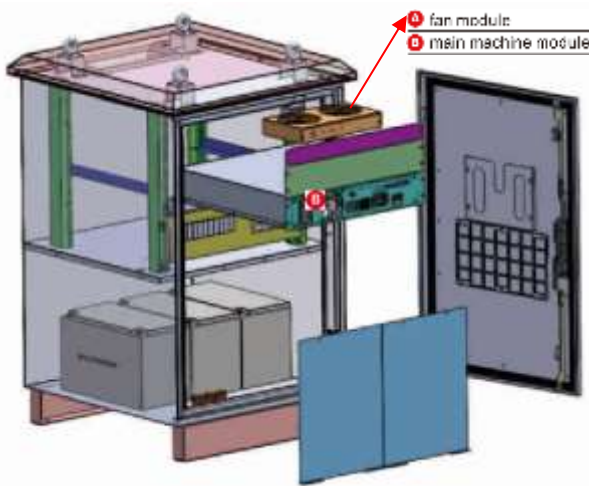
Hexatron integrated online series communication marginal network outdoor UPS is special for wireless communication system of outdoor micro cellular base station and design of a high-performance integrated outdoor online uninterruptured power supply system, has the very high technology advancement and practicability.



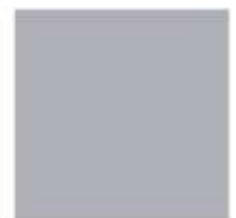
- A** Rings
- B** UPS module
- C** Reserve 2U space
- D** Battery compartment
- E** Access Switch
- F** Waterproof seal ring
- G** Filter
- H** dual heat insulation door
- I** Installation beam
- J** lightning arrester
- K** hand-operated switch

Fine Dust and water proof features:

- Our outdoor ups comes with standard design of IP55 – dust and water proof.
- With sun protection, heat insulation and roof ventilation.
- With waterproof and the dust filtration inlet, the cabinet front door shutters with water proof design, on the back of the welding water tank, water tank installed above the net with quick release feature of dust.



Solid chasis box



Fixed base case

Environmental Adaptability:

- Wide input voltage, avoids frequent switching to battery power because of large power grid voltage reduce battery failure probability, adapt to the power environment in poor areas.
- Input Frequency Range 45-55Hz, to ensure the fuel generator can access all kinds of stability to meet user requirements for use on the oil machine.

Optional Accessories:

Heat Exchanger: The environment which require higher IP level, we use heat exchanger to effectively reduce the temperature of box inside and improve IP protection level.



Heater and temperature controller:

In response to low temperature climate impact of batteries and UPS, we adopt adjustable heating device to ensure the UPS and battery life of normal use.



**Product specifications are subject to change without further notice.*

Quality Control:

We ensure highest standards of product quality combined with optimal manufacturing capacity, our QA/QC department performs rigorous quality control on all materials, spare parts and throughout the entire production process to ensure the highest quality of every component.