



## Why come to us for a solution?

- Quality products
- Wide range of products
- Nationwide backup
- Locally produced UPS's
- Competitively priced
- Unique design
- Good value for money
- 24 hours after sales services



## HPC SERIES

ONLINE UPS 10KVA - 40KVA

The HPC Series is a three phase online double conversion UPS with minimum footprint. Up to 30KVA models can have internal batteries with the option of external battery banks. A programmable battery voltage allows for various battery bank setups. These models are great for budget-concerned solutions for server rooms, data centres and other mission-critical applications.



## APPLICATION

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Small to Large Computer Data Centres, IT equipment and Other Mission Critical Equipment

## FEATURES

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- Online double conversion technology
- Parallel redundancy up to 4 units
- Wide input window for voltage and frequency
- Unity power factor and low input distortion
- ECO mode for energy saving
- Programmable battery voltage
- LCD with control panel
- Three level intelligent charge modes with smart current adjust
- Powerful 10A charger
- SNMP adapter (optional)
- Full protection against surges, dips, overcharge, overload
- DC start functionality



# HPC SERIES

ONLINE UPS 10KVA - 40KVA

MODEL	HPC10	HPC20	HPC30	HPC40
<b>CAPACITY</b>	10KVA	20KVA	30KVA	40KVA
<b>POWER</b>	9KW	18KW	27KW	36KW
<b>INPUT</b>				
<b>VOLTAGE RANGE</b>	380/400/415V ±20% (3 phase + neutral + earth)			
<b>FREQUENCY</b>	50Hz ±10%			
<b>POWER FACTOR</b>	≥0.99			
<b>BYPASS VOLTAGE RANGE</b>	maximum voltage: 220V: +25% maximum voltage: 230V: +20% maximum voltage: 240V: +15% minimum voltage: -45%			
<b>BYPASS FREQUENCY RANGE</b>	frequency synchronize tracing range: ±10%			
<b>HARMONIC DISTORTION (THD)</b>	≤3%(100% non-linear load)			
<b>GENERATOR INPUT</b>	support			
<b>OUTPUT</b>				
<b>VOLTAGE RANGE</b>	380/400/415V ±1% (3 phase + neutral + earth)			
<b>FREQUENCY</b>	50Hz ±10%			
<b>WAVEFORM</b>	sine wave			
<b>THD (LINEAR LOAD)</b>	≤2% linear load ≤5% non linear load			
<b>CREST FACTOR</b>	3:1			
<b>POWER FACTOR</b>	0.9			
<b>EFFICIENCY</b>	≥93.5%		≥94.5%	
<b>SYSTEM FEATURES</b>				
<b>TRANSFER TIME</b>	utility to battery : 0ms, Utility to bypass: 0ms			
<b>OVERLOAD - LINE MODE</b>	≤110%:60min ; ≤125%:last 10min ; ≤150%:last 1min ; >150% turn to bypass			
<b>OVERLOAD - BATTERY MODE</b>	≤110%:10min ; ≤125%:last 1min ; ≤150%:last 10sec ; ≥150% turn off			
<b>OVERLOAD - BREAKER</b>	20A	40A	63A	80A
<b>ALARM</b>	overload, utility abnormal, UPS fault, battery low			
<b>PROTECTION</b>	short circuit, overload, over temperature, battery low, fan fault alarm			
<b>COMMUNICATION</b>	USB, Parallel port, Dry contact, Intelligent slot, SNMP card (optional), Relay card (optional)			
<b>BATTERY</b>				
<b>DC VOLTAGE</b>	±96VDC/±108VDC/±120VDC 16/18/20 x battery			±192 / ±216 / ±240VDC
<b>CONFIGURATION - INTERNAL</b>	20 x 12V/9Ah	40 x 12V/9Ah	60 x 12V/9Ah	none
<b>CONFIGURATION - EXTERNAL</b>	up to 20 x 12V/100AH			up to 40 x 12V/100AH
<b>CHARGER</b>	10A			
<b>ENVIRONMENT</b>				
<b>OPERATING TEMPERATURE</b>	0 - 40°C			
<b>STORAGE TEMPERATURE</b>	-25°C - 55°C (no battery)			
<b>HUMIDITY</b>	0 - 95% (non condensing)			
<b>ALTITUDE</b>	<1500m			
<b>NOISE</b>	<55db		<58db	
<b>STANDARDS</b>				
<b>SAFETY</b>	IEC/EN62040-1, IEC/EN60950-1			
<b>EMC</b>	IEC/EN62040-2, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8			
<b>GENERAL</b>				
<b>NET WEIGHT (kg)</b>	42	45	71	73
<b>DIMENSIONS (W x D x H) mm</b>	250 x 828 x 868			

Notes:



In the interests of continuous product improvement, all specifications are subject to change without notice.