



Technology: Online Double Conversion
Rating: 10kVA – 30kVA
Voltage: 400VAC
Configuration: Tower

Not only does PowerHub Classic UPS Series operates using IGBT inverter technology that bring performance and value, the enhanced features of ECO and EPO function provides high efficiency and scalability. It has high input power factor and low input current harmonic distortion and is considered to be part of a new generation of green power device.

With the advantages of high efficiency, performance and reliability, it provides power security for network data centers, communication, broadcasting, information processing and manufacturing industry.

Applications:

- Computer room
- Data center
- Precision instrument
- Intelligent equipment
- Financial & Telecommunications

Product Highlights:

- Full DSP-controlled technology
- Output transfer time is 0ms
- PFC technology
- Output power factor 0.9
- Input current harmonic 3%
- ECO function
- Charging/Rectifier/Inverter fully digital control technology
- Battery group optimization: 16/18/20 pcs optional
- Wide input voltage range: 208~478Vac
- Wide input frequency range: 45~66Hz
- USB/RS485/Parallel port/dry contact communication port
- SNMP card/Relay card optional
- Intelligent charging management
- EPO function

Versatile LCD Control Panel



TECHNICAL SPECIFICATIONS – PowerHub Classic Series

MODEL	Classic 10K-TT (Std/Ext)	Classic 15K-TT (Std/Ext)	Classic 20K-TT (Std/Ext)	Classic 30K-TT (Std/Ext)
Rating (VA/Watts)	10k/9k	15k/13.5k	20k/18k	30k/27k
INPUT				
Nominal Voltage (VAC)	380/400/415 (3 Phase 4W+PE)			
Operating Voltage Range (VAC)	208 ~ 478			
Frequency Range (Hz)	45 ~ 55			
Power Factor	≥ 0.99			
ECO range	Same as bypass			
THDi	≤ 3% at 100% non-linear			
OUTPUT				
Voltage (VAC)	380/400/415			
Frequency (Hz)	±1% / ±2% / ±3% / ±4% / ±5% / ±10% of the rated frequency (line mode) 50/60 ± 0.1% (battery mode)			
Power Factor	0.9			
Crest factor	3:1			
THD	≤2% (linear load)			
	≤5% (non-linear load)			
Efficiency	≥ 93.5%	≥ 94.5%		
BATTERY				
Voltage (VDC)	Std: ±120 (20 pcs) Ext: ±96/±108/±120 (16/18/20 pcs optional)	Std: ±120 (20 pcs x 2 groups) Ext: ±96/±108/±120 (16/18/20 pcs optional)		Std: ±120 (20 pcs x 3 groups) Ext: ±96/±108/±120 (16/18/20 pcs optional)
Battery Type	12V 7Ah/9Ah (Std)			
Backup Time	Ext model depends on the capacity of external batteries			
Charger Current (A)	1.35/2.7/4.05A (Std) Max 10A (Ext)			
SYSTEM FEATURES				
Transfer Time	0ms			
Overload	< 110% for 60mins < 125% for 10mins < 150% for 1min Above 150% for 0sec			
Comm. Interface	USB, Parallel port, Dry contact, SNMP card (optional), Relay card (optional)			
ENVIRONMENTAL				
Noise (dB)	<55	<58		
Operating Temperature	0 ~ 40°C			
Relative Humidity	0 ~ 95%, No condensation			
Altitude	<1500m			
PHYSICAL				
Dimension WxDxH (mm)	250x828x868			330x828x920
Weight (Kg)	95 (Std) 42 (Ext)	147 (Std) 45 (Ext)		225 (Std) 67 (Ext)

(Std) refers to standard model

(Ext) refers to long backup model, extended battery module is required

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