

Eminent UPS Series



Technology: Online Double Conversion
Rating: 10kVA – 20kVA
Voltage: 400VAC
Configuration: Tower

Not only does PowerHub Eminent series UPS 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:

- N+X parallel redundancy
- Online double conversion with DSP control
- Input current harmonic <5%
- Battery group optimization, 16/18/20 pcs optional
- High output power factor at 0.9
- Wide input voltage range
- Wide input frequency range
- Support generator input
- Support economic (ECO) operation mode
- Self-testing when UPS startup
- SNMP card/Relay card/Parallel board optional
- Cold start

Optional Battery Cabinets



TECHNICAL SPECIFICATIONS – PowerHub Eminent Series

MODEL	Eminent 10K-TS (Std/Ext)	Eminent 15K-TS (Ext)	Eminent 20K-TS (Ext)
Rating (VA/Watts)	10k/9k	15k/13.5k	20k/18k
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	≤ 5% at 100% linear load)		
Generator Input	Support		
OUTPUT			
Voltage (VAC)	220/230/240		
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)	±96/±108/±120 (Optional)		
Typical Recharge Time	6 ~ 8 hours (to 90% of full capacity)		
Charger Current (A)	1A (Std) Max 10A (Ext)		
SYSTEM FEATURES			
Transfer Time	0ms		
Overload	< 110% for 60mins < 125% for 10mins < 150% for 1min Above 150% for 0sec		
Audible & Visual alarms	Line failure, Battery low, Overload, System fault		
Comm. Interface	USB, Dry contact Parallel board (optional), 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)	250x597x655 (Std) 250x502x616 (Ext)	250x502x616 (Ext)	
Weight (Kg)	76 (Std) 35 (Ext)	45 (Ext)	46 (Ext)

(Std) refers to standard model

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

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