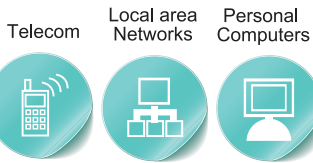


PW-M 3300 SERIES



High Frequency Online UPS
Rack-Tower UPS
Three phase in/Three phase out

Model : PW-M 3300 10-20KVA
Wide input voltage : 208V~478V
Nominal frequency : 50/60Hz
Output power factor : 0.9



General Specifications

- Rack/Tower convertible LCD design
- Compact in Size, only 3U Height
- Modular Design : 10K/15K/20K Module
- Optimization Battery : (32/34/36/38/40)
- Wide input voltage: 208V~478V
- Sinusoidal input current THDI <3%
- High input power factor up to 1 (0.99)
- High efficiency up to 92% in normal mode
- ECO mode efficiency: >98%
- Remote EPO Function
- EPO

Technical Specifications

MODEL	PW-M 3310	PW-M 3315	PW-M 3320	
Capacity (VA/W)	10KVA/9KW	15KVA/13.5KW	20KVA/18KW	
INPUT				
Phase	3Phase/4Wires + Ground			
Rated Voltage	380/400/415Vac			
Voltage Range	207~476Vac			
Frequency Range	40~70Hz			
Power Factor	≥0.99			
Bypass Voltage Range	Max.voltage: +15%(optional +5%,+10%,+25%)			
	Min. voltage: -45% (optional -20%,-30%)			
	Frequency protection range: ±10%			
Current Harmonic	≤3(100% non-linear load)			
OUTPUT				
Phase	3Phase/4Wires + Ground			
Rated Voltage	380/400/415Vac			
Power Factor	0.9			
Voltage Precision	±2%			
Output Frequency	Utility Mode	±1%,±2%,±4%,±5%,±10% of the rated frequency(optional)		
	Battery Mode	(50/60±0.2)Hz		
Crest Factor	3:01			
Transfer Time	Utility to Battery : 0ms Utility to bypass : 0ms (following)			
Overload Capacity	Load≤110%, 60min, ≤125%, last 10min, ≤150%last 1min, ≥150% shut			
THD	≤2% with linear load			
	≤5% with non linear load			
Battery				
Voltage	±192V±204V±216V±228V±240VDC ; battery quantity(optional)			
Charge Current(A)	UPS module	Maximum current 6A		
Backup time	Depends on the capacity of external batteries			
OPERATING ENVIRONMENT				
Temperature	0°C~40°C			
Humidity	0~95% non condensing			
Storage temperature	-25°C~55° C			
Altitude	< 1500m			
OTHER				
Efficiency	ECO mode≥98%;Normal mode≥92%			
Communication Interface	UPS module	RS232,RS485,SNMP card		
Unit Dimensions(W*H*D)	UPS module	443x131 x580mm		
Weight (Kg)	UPS module	26	30	31
INDUSTRY STANDARD	CE,EN/IEC 62040-2,EN/IEC 62040-1-1			

* Specifications are subject to be changed without prior notes

Alpha House Ltd.

Unit 15 | Chancerygate Business Centre | Manor House Ave | Southampton | SO15 0AE| UK

www.alphahouse.co.uk

www.purewavepower.co.uk