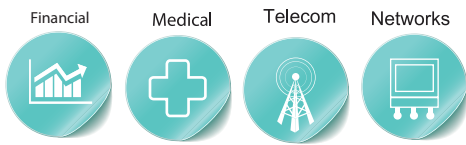


PW300L SERIES



Uninterruptible Power Supplies

IGBT RECTIFIER
DSP CONTROL



General Specifications :

- Output power factor 0.9
- High efficiency, up to 96%
- High input PF>0.99 ; Input current THDi<4%
- Multi-protection, over-temperature protection with 8 sensors, over-load, battery under voltage, fan failures, short-circuit
- Four circuit breakers, providing full protection when fault happens
- Battery cold start
- Battery management with smart charging control, greatly extend the battery life
- Parallel up to 8 units
- Friendly operation interface, high-resolution LCD screen

Technical Specifications

Model	PW310L	PW315L	PW320L	PW330L	PW340L
Capacity	10kVA	15kVA	20kVA	30kVA	40kVA
Main Input					
Phase	3 Phases + Neutral + Ground				
Rated Input Voltage	380/400/415VAC (Line-Line)				
Rated Frequency	50/60Hz				
Input Voltage Range	304~478Vac (Line-Line),full load; 228V~304Vac (Line-Line),load decreases linearly according to the min phase voltage				
Input Frequency Range	40Hz~70Hz				
Input Power Factor	> 0.99				
Input Current THDi	<4% (full Linear Load)		<3% (full Linear Load)		
Output					
Rated Inverter Voltage	380/400/415VAC (Line-Line)				
Rated Frequency	50/60Hz				
Output Power Factor	1		0.9		
Voltage precision	±1.5%(0-100% linear load)				
Output Voltage THDu	<1% (linear load); <5.5% (non-linear load)		<1% linear load; <6 (non-linear load)		
Inverter Overload	<110%, 60min; 110%~125%,10min; 125%~150%,1min;				
Frequency Regulation	50/60Hz±0.1%				
Battery And Charger					
Battery Rate Voltage	±240VDC				
Charger Voltage precision	1%				
Charger Power	max=20% System Power				
Efficiency					
Normal Operation	95%max		>95%		>96%
Battery Operation	94.5%max		>95%		>96%
System					
Display	LED + LCD				
Interface	Standard: RS232, RS485 Option: SNMP, Dry Contact, Parallel kit, Battery cold start				
Environmental					
Operation Temperature	0 ~ 40 °C				
Storage Temperature	-40 ~ 70 °C				
Relative Humidity	0 ~ 95% (Non condensing)				
Noise (1 meter)	58dB @ 100% load, 52dB @ 45% load		65dB @ 100% load, 62dB @ 45% load		
Physical data					
Dimension (W*D*H mm)	250*840*715	250*840*715	350*738*1335	350*738*1335	500*840*1400
	250*660*530	250*660*530	250*680*770	250*680*770	250*836*770
Weigh(Kg)	51.5	51.5	89	89	140
	31	31	50	52	61

*Specifications are subject to be changed without prior notes

Pure Wave Power Ltd.

Kemp House | 152 - 160 City Road | London | England | EC1V 2N

www.purewavepower.co.uk