

POWER CRAFT 1XX On-line Uninterruptible Power Supply Technical Specifications

	PCU 102	PCU 103	PCU 105	PCU 106	PCU 108	PCU 110	PCU 115
Power	2 kVA	3 kVA	5 kVA	6 kVA	7,5 kVA	10 kVA	15 kVA
Power Factor	0.7						
INPUT							
Input Voltage	220 VAC 1 Phase + N						
Input Voltage Tolerance	+ 15% , -20%						
By-pass Voltage	220 VAC \pm 10%						
Input Current	13 A	20 A	30A	35 A	45 A	60 A	85 A
Input Frequency	50 Hz.						
Frequency Tolerance	\pm 5%						
OUTPUT							
Nominal Output Power	1400W	2100 W	3500 W	4200W	5250W	7000W	10500W
Output Voltage	220 VAC						
Output Voltage Tolerance	\pm 1%						
Output Frequency	50 Hz.						
Output Frequency Tolerance	Line Synchronized \pm 1% Free Running \pm 0.5%						
Efficiency (100% Load)	> 85 %						
Crest Factor	3:1						
Overload Capacity	100% - 125% Load 2.5 min. 125% - 150% Load 10 sec. > 150% instant by-pass.						
Total Harmonic Distortion (THD)	< 3%						
LCD Display	Input Voltage, Output Voltage, % Output Load, Output Frequency, UPS condition and Failure Infos, Overload, Over Temperature, Input Failure warning ext.						
Communication	RS-232 Communication Port - SNMP Monitoring Port and software (optional)						
BATTERY							
Battery Type	Maintenance Free Dry Type						
Battery Unit	8 x 12V	16 x 12V			20 x 12V		
Floating Charge Voltage	108 VDC	216 VDC			270 VDC		
End of Discharge Voltage	84 VDC	168 VDC			210 VDC		
Charging Current	1.5 A	2.5 A			2.5 A		
GENERAL							
Operating Temperature	-10 - +40 °C						
Acoustic Noise	<50dBA	<55dBA					
Dimension (WxDxH cm)	24x60x55	26x66x63			32x78x73		
Relative Humidity (max.)	90 % non condensed						