

PCP Series Online UPS 6-20 KVA (1/1 - 3/1)



1. DSP control, with excellent performance and comprehensive protections for load and UPS
2. Output power factor 0.9, offering more stronger load capability;
3. Intelligent fan speed control, with 4 levels varying according to load and temperature;
4. Wide input range, support any kind of generator;
5. Dual input AC source supportable
6. EPO (emergency power off);
7. Event log up to 100 events, recording UPS running time and critical memories;
8. High efficiency (ECO mode) option
9. Intelligent N+X parallel redundancy, up to 6 units
10. AC and cold start function;
11. Human friendly large LCD, with plenty operation information
12. Conformal coating PCB for more critical operation environment
13. 3:1 phase and single phase easy convertible (10-20Kva)
14. Multiple communication ports (optional)
15. Frequency converter mode (input 50 Hz, output 60 Hz OR input 60 Hz, output 50 Hz)
16. Most advanced 3 electrical level inverter, for 15-20kva;
17. Very low failure rate and easy repair (MTBF > 80000h, MTBR < 0.5h)
18. Intelligent 10A charger (optional)



Technical Specification:

Model	PCP06S PCP06	PCP08S PCP08L	PCP10S PCP10L	PCP12S PCP12L	PCP3110S PCP3110L	PCP3115L	PCP3120L
Capacity(kva/kw)	6kva/5.4kw	8kva/7.2kw	10kva/9kw	12kva/10.8kw	10kva/ 9kw	15kva/13.5kw	20kva/18kw
Input							
Phase	1/1phase, 1wire+N+G				3/1phase, 3wires+N+G		
Input PF	≥0.999				≥0.96		
Input voltage	Low transfer	L-N:176 VAC ± 3% @ 100% load;130 VAC ± 3% @ 50% load					
	Low back	L-N:188 VAC ± 3% @ 100% load,142 VAC ± 3% @ 50% load					
	High transfer	L-N:286 VAC ± 3%					
	High back	L-N:270 VAC ± 3%					
Input frequency	40-70hz						
Battery							
Rating/type	12V/7Ah	12V/7Ah	12V/9Ah	12V/9Ah	depend on external battery capacity		
quantity	20	20	20	20			
Back up time	Standard model	3-10mins depends on load				depend on external battery capacity	
	Long-run model	depend on external battery capacity					
DC voltage	120/192/240Vdc						
Charge voltage	220/275Vdc						
Recharging current	Standard model	1A				4A/10A(option)	
	Long-run model	4A					
Output							
Output P.F	0.9						
Output voltage	220/230/240Vac +/-1%(static)						
Frequency	46~54Hz or 56~64Hz (Line mode) 50/60Hz ± 0.1Hz (Battery mode)						
Crest factor	3:1(max)						
Wave distortion	Less than 2% (linear load), Less than 4% Non-linear load						

Over load	105% < load < 125% for 1min, 125% < load < 150% for 30s							
Efficiency	92%(Line mode)							
	98%(ECO mode)							
Transfer time	0ms (AC-Battery);							
	0ms (bypass-inverter)							
Indicator								
LCD Panel	UPS status, Load level, Load watt, Load va , Battery level, Input/output voltage, output current, Bus voltage, Temp, and warning and fault code and events							
Alarm								
Battery Mode	Sounding every 4 seconds(can mute)							
Low Battery	Sounding every second							
Overload	Sounding every second							
Fault	Continuously sounding							
Management								
Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, Unix, and MAC							
Optional	SNMP/AS400/USB							
Environment								
Operation Humidity	0-90 % RH (non-condensing) @ 0- 40°C							
Noise Level	Less than 55dBA @ 1 Meter			Less than 58dBA @ 1 Meter				
Physical								
Model		PCP06S	PCP08S	PCP10S	PCP12S	PCP3110S	PCP3115L	PCP3120L
		PCP06L	PCP08L	PCP10L	PCP12L	PCP3110L		
Net Weight (KG)	Standard model	62	63	79	80	86	N/A	
	Long-run model	20	21	29	30	36	49	
Gross Weight (KG)	Standard model	69	70	86	87	93	N/A	
	Long-run model	22	22	37	38	43	56.5	
Unit Dimension (D*W*H)mm		582×260×572 (including wheel height 642)					600×300×660 (including wheel height 740)	
Packing (D*W*H)mm		680*360*810 (0.2CBM)					720*420*920 (0.28CBM)	