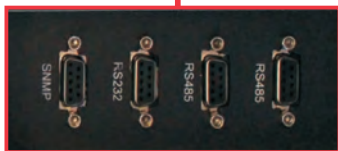
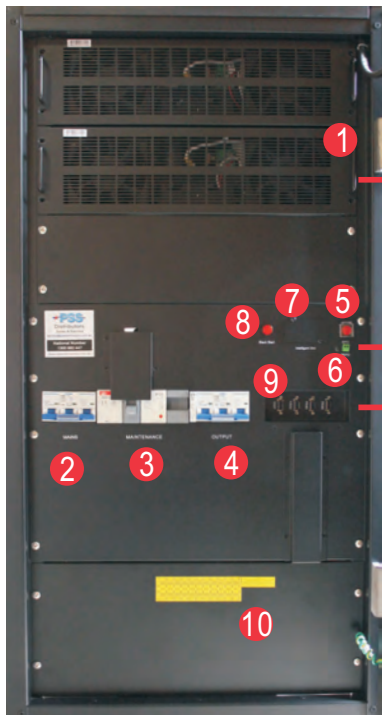


PMU On-line 3 Phase UPS



- 1 UPS module
- 2 I/P switch
- 3 Maintenance switch
- 4 O/P switch
- 5 EPO port
- 6 REPO port
- 7 Intelligent slot
- 8 Battery cold start switch
- 9 SNMP/RS232/RS485 comms
- 10 Terminal block

Features

- 3 Phase in / 3 Phase output
- Digital control
- Modular design
- Battery configurable from 32 to 40 batteries
- Multiple communications protocols- RS232/485/SNMP
- Intelligent charging method
- LCD display
- Input power factor 0.9
- Output power factor 0.9
- Efficiency of >94%
- Eco mode - efficiency >98%



Specifications

Model	PMU-10	PMU-20	PMU-30	PMU-40	PMU-60	PMU-80	PMU-100	PMU-120	PMU-160	PMU-200
Capacity (VA)	10kVA	20kVA	30kVA	40kVA	60kVA	80kVA	100kVA	120kVA	160kVA	200kVA
Power Rating (W)	8kW	16kW	24kW	32kW	48kW	64kW	80kW	96kW	128kW	160kW
Input										
Normal Voltage	380/400/415Vac, (3Ph + N+PE)									
Voltage range	208-478Vac									
Frequency Range	40-70Hz									
Power Factor	≥0.99									
Harmonic Distortion (THDi)	2% (100% non linear load)									
Bypass Voltage Range	Max. Voltage: +15% (optional +5%, +10%, +25%); Min. Voltage:-45% (optional -20%, -30%); Frequency protection range: ± 10%									
Generator Input	Supported									
Output										
Rated Voltage	380/400/415Vac, (3Ph+N+PE)									
Power Factor	0.8/0.9(customisable)									
Voltage Regulation	± 2%									
Frequency	Line mode: ± 1%/± 2%/±4%/±5%/±10% of the rated frequency (optional); Batt.mode: (50/60±0.2%)Hz									
Crest factor	3:1									
Harmonic distortion (THD)	≤2% with linear load, ≤5% with non linear load									
Efficiency	94.5%	95.5%								
Battery										
Battery voltage	Standard unit: ±216Vdc; Long run unit optional voltage: ±192V/±204V/±216V/±228V/±240Vdc									
Capacity (standard unit)	12V/38Ah									
Charge Current (A)	Standard: 5.7A; Long Run: Max 6A	Max 12A			Max 18A		Max 24A	Max 30A	Max 36A	
System										
Transfer time	0ms									
Overload	Line mode: load ≤ 110%: 60min; ≤125%: 10min; ≤150%: 1min; ≥150% shut down UPS immediately Batt. mode: load ≤ 110%: 10min; ≤125%: 1min; ≤150%: 5s; ≥150% shut down UPS immediately									
Breaker	20A	40A	50A	80A	100A	125A	80A	100A	100A	125A
Short Circuit	Hold whole system									
Overheat	Line mode: switch to bypass; backup mode: shut down UPS immediately									
Low battery voltage	Alarm and switch off									
Self-diagnostics	Shut down UPS immediately									
Comms & Management										
Ports	RS232, RS485, Parallel, Intelligent slot, Relay card (optional), SNMP card (optional)									
Software	Windows 95/98/NT/2000/XP/Vista/7, Windows Server 2003/2008 Linux Debian, Redhat, Fedora, Suse, Ubuntu, CentOS, Novell, Mac, FreeBSD									
LCD	Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Percentage, Battery Voltage & Inner Temperature									
LED	Line Mode, Bypass Mode, Battery Low, Battery Bad, Overload & UPS Fault									
Options	Harmonic filter, SNMP adapter, Battery temperature sensor, Manual Bypass									
Environment										
Operating temperature	0 - 40°C									
Humidity	0 ~95% non-condensing									
Storage temperature	-25°C - 55°C									
Noise	Complies with EN62040-2									
Physical characteristics										
Net (kg)	123	125	126	164	166	195	286	317	348	355
Dimension (W x D x H)	600 x 780 x 1200						600 x 780 x 1600			
Safety & EMC										
CE, EN/IEC 62040-2, EN/IEC 62040-1-1										