



PowerPro HP-200 Series

CPU Controlled True Double-Conversion, On-line

Three Phase Input and Single Phase Output UPS ranging from 6 – 15kVA

BPC PowerPro HP-200 Series On-Line High Performance UPS, manufactured with the state of the art, PWM and IGBT technology, producing microprocessor controlled pure sine wave output to critical loads. HP-200 systems supply and protect large sized networks, communication systems, scientific computer systems, intelligent engineering measuring devices and industrial automation systems.

- True double-conversion and PWM technology
- Galvanic isolation transformer at the inverter output included
- Up to 90% efficiency
- Pure sine wave output
- Static by-pass providing Uninterrupted transfer of the load to the mains in case of overload or UPS fault.
- LCD panel providing accurate detailed information about the Load, Batteries and UPS with advanced diagnostics.
- 64 Recorded real-time events history
- RS232 and dry contacts for communication and remote monitoring
- Input/output customization available
- Compatible with international standards
- 1 year full warranty
- Warranty of 10 years for spare parts supply
- Experienced technical service and customer support
- Designed and manufactured under ISO9001 certification

OPTIONALS :

- Input isolation transformer
- 1+1 paralleling (redundant - symmetric - hot standby modes selected from LCD panel)
- Wide Area Network management via SNMP
- Remote monitoring panel RM-2000
- Multiserver shutdown units US-4, US-8
- RS485 interface RSC-24



T-Mon Software



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TECHNICAL SPECIFICATIONS :

MODEL	HP-206	HP-207	HP-210	HP-215
Power	6 kVA	7,5 kVA	10 kVA	15 kVA
INPUT				
Voltage	230/400 Vac 3phase + N +/- 15%			
By-pass Voltage	230 Vac +/- 10%			
Current	3 x 12 A	3 x 15 A	3 x 20 A	3 x 29 A
Frequency	50 Hz. +/- 5%			
EMI	EN-50091-2			
OUTPUT				
Power	6kVA 4,2kW	7,5 kVA 5,25kW	10 kVA 7kW	15 kVA 10,5kW
Power factor	0,7 (0,8 optional)			
Paralleling (optional)	1+1 (redundant - symmetric - hot standby modes selected from LCD panel)			
Voltage	230 Vac			
Voltage tolerance	+/- 1%			
Wave form	Sine wave			
Dynamic response	at load range 0-100-0% <5% response time<20ms			
Frequency	50 Hz.			
Frequency tolerance	line synchronised +/- 1% - free running +/- 0,2			
Efficiency at 100% load	86-90%	86-90%	87-90%	87-90%
Total Harmonic Distortion (THD)	linear load< 3% with computer load <5%			
Crest factor	3:1			
Overload protection	100% - 125% load 10min.			
	125% - 150% load 1 min.			
	>150% load by-pass			
Protection	Electronic short circuit protection over current and over voltage			
By-pass overload response	500% for 10ms			
Cooling	forced air cooling (redundant fans optional)			
Communication	dry contacts plus RS232			
Software	T-Mon standard / SNMP module optional			
BATTERIES				
Number	20	20	20	26
Float charging voltage	270 V	270 V	216 V	351 VDC
End of discharge voltage	200 V	200 V	160 V	260 VDC
batt type	Maintenance free			
Battery cabinet	internal		external	
Battery ambient temperature °C	25 °C			
Battery protection	Automatic circuit breaker			
Battery test	OPTIONAL			
GENERAL				
Temperature range	0 C - 40 C			
Acoustic noise at 1m distance	< 42 dBA	< 42 dBA	< 55 dBA	
Protection degree	IP20			
Altitude	<1000 m.above sea level			
Humidity (non condensed)	90% max.			
Weight without batteries (kg.)	106	110	160	190
Dimensiones (HxWxD) mm.	710x265x740	710x265x740	710x265x741	710x265x742