

# HUBNETIX Pro Plus Series

## 6~10kVA Uninterruptible Power Supply



PRO PLUS 1106B / 1106 / 1110B / 1110



### Features

- N+X parallel redundancy
- Online double conversion with DSP control
- Input current harmonic: <3%
- Optimization battery group, the quantity of battery: 16/18/20 pieces (optional)
- High output power factor at 0.9PF
- Wide input voltage range: 120~276Vac
- Wide input frequency range (50Hz: 45~55Hz / 60Hz: 54~66Hz)
- Support generator input
- Support economic(ECO) operation mode
- Self-testing when UPS startup
- Options: SNMP card / Relay card / Parallel board
- Cold start

MODEL (PRO PLUS)	1106B	1106	1110B	1110
Capacity (VA/Watts)	6k / 5.4k		10k / 9k	
<b>INPUT</b>				
Nominal input voltage	220 / 230 / 240Vac			
Operating voltage range	120~276Vac			
Operating frequency range	50Hz:45~55Hz; 60Hz:54~66Hz (auto sensing)			
Power factor	≥0.99			
Bypass voltage range	Max. voltage: 220V: +25%(optional +10%,+15%,+20%), 230V: +20% (optional +10%,+15%) 240V: +15% (optional +10%) Min. voltage: -45% (optional -20%,-30%)			
ECO range	Same as the bypass			
Harmonic distortion (THDi)	<3% (100% linear load)			
Generator input	Support			

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## 6~10kVA Uninterruptible Power Supply



MODEL (PRO PLUS)		1106B	1106	1110B	1110
<b>OUTPUT</b>					
Rated voltage		220 / 230 / 240Vac			
Voltage regulation		±1%			
Power factor		0.9			
Frequency	Line Mode	±1%/±2%/±4%/±5%/±10% of the rated frequency (optional)			
	Battery Mode	50 / 60 (±0.1)Hz			
Crest factor		3:1			
Efficiency		>93.5%			
Harmonic distortion (THD)		≤2% with linear load • ≤5% with non-linear load			
<b>BATTERY</b>					
Battery voltage		±96 / 108 / 120Vdc (optional)			
Typical recharge time		6~8 hours (to 90% of full capacity)			
Charge current		1A (10kVA Standard unit); Max. current 10A (Long run unit) (charge current can be set according to battery capacity installed)			
<b>SYSTEM FEATURES</b>					
Transfer time		Mains to Battery: 0ms; Mains to Bypass: 0ms			
Overload Short circuit	Line Mode	Load≤110%: last 60min, ≤125%: last 10min, ≤150%: last 1min, >150% turn to bypass mode immediately			
	Bypass Mode	Breaker 40A		Breaker 60A	
Short circuit		Hold whole system			
Overheat		Line Mode: Turn to Bypass; Bat. Mode: Shut down UPS immediately			
Low battery voltage		Alarm and Switch off			
Self-diagnostics		Upon Power On and Software Control			
Battery		Advanced Battery Management			
Audible & Visual alarms		Line Failure, Battery Low, Overload, System Fault			
LED & LCD display		Line Mode, Battery Mode, Eco Mode, Bypass Mode, Battery Low, Battery Bad, Overload & UPS Fault			
LCD display		Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Percentage, Battery Voltage, Inner Temperature & Remaining Battery Backup Time			
Communication interface		Dry contact, USB, SNMP card (optional), Parallel board (optional), Relay card (optional)			
<b>ENVIRONMENTAL</b>					
Operating temperature		0°C ~ 40°C			
Storage temperature		-25°C ~ 55°C			
Humidity range		0 ~ 95% (non-condensing)			
Altitude		< 1500m			
Noise level		<55dB			
<b>PHYSICAL</b>					
Dimension DxWxH (mm)		502x250x616			
Net weight (kg)		62	18	64	20
<b>BATTERY BANK</b>					
Model		MP-BT Series			
Battery type & Maximum quantity		2x20pcs / 7Ah / (9Ah)			
<b>STANDARDS</b>					
Safety		IEC/EN62040-1;IEC/EN60950-1			
EMC		IEC/EN62040-2;IEC61000-4-2;IEC61000-4-3;IEC61000-4-4;IEC61000-4-5;IEC61000-4-6;IEC61000-4-8			

### Ordering & Packaging Info

MODEL NUMBER	PART NUMBER	MODEL NUMBER	PART NUMBER
PRO PLUS 1106B	HP-PP1106B	PRO PLUS 1110B	HP-PP1110B
PRO PLUS 1106	HP-PP1106	PRO PLUS 1110	HP-PP1110

**HUBNETIX CORPORATION**  
71-75, Shelton Street, London, UK.  
[www.hubnetix.com](http://www.hubnetix.com)

The dimensions and specifications in this document are for reference purposes only and are subject to change without notice. Consult HUBNETIX Corp. for the latest dimensions and design specifications.

