

HUBNETIX Pro Series

6~10kVA Uninterruptible Power Supply



PRO 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 0.8PF
- 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 card
- Cold start

MODEL (PRO)	1106B	1106	1110B	1110
Capacity (VA/Watts)	6k / 4.8k		10k / 8k	
INPUT				
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%)			
Bypass frequency range	Frequency protection range: ±10%			
ECO range	Same as the bypass			
Harmonic distortion (THDi)	<3% (100% linear load)			
Generator input	Support			

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MODEL (PRO)		1106B	1106	1110B	1110
OUTPUT					
Rated voltage		220 / 230 / 240Vac			
Voltage regulation		±1%			
Power factor		0.8			
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		≥91%			
Harmonic distortion (THD)		≤2% with linear load • ≤5% with non-linear load			
BATTERY					
Battery voltage		±96/108/120Vdc (optional)			
Capacity (standard unit)		12V/38Ah(standard unit)			
Typical recharge time		6~8 hours (to 90% of full capacity)			
Charge current(A)		1A(Standard unit) ; Max.current 6A(Long run unit) <small>(charge current can be set according to battery capacity installed)</small>			
SYSTEM FEATURES					
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, Bat. 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 card(optional), Relay card (optional)			
ENVIRONMENTAL					
Operating temperature		0℃ ~ 40℃			
Storage temperature		-25℃ ~ 55℃			
Humidity range		0 ~ 95% (non-condensing)			
Altitude		< 1500m			
Noise level		<55dB			
PHYSICAL					
Dimension DxWxH (mm)		502x250x616	481x220x438	502x250x616	481x220x438
Net weight (kg)		62	18	64	20
STANDARDS					
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 1106B	HP-P1106B	PRO 1110B	HP-P1110B
PRO 1106	HP-P1106	PRO 1110	HP-P1110

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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.

