

HUBNETIX Pro Series

1~3kVA Uninterruptible Power Supply



PRO 1101B / 1101 / 1102B / 1102 / 1103B / 1103



Features

- High frequency and double conversion online technology
- Fully digitized microprocessor control
- Wide input voltage range
- LCD display
- UPS start up without battery
- Cold start
- Advanced battery management
- Automatic battery charging in UPS off mode
- Lightning and surge protection
- Short circuit and overload protection
- Fan speed adjusted by load automatically
- Network/fax/modem surge protection
- Optional extension battery pack
- Battery voltage display
- Load capacity display
- EMI/RFI noise filter
- Smart RS232 communication with monitoring software
- Optional SNMP card slot
- EPO function (optional)
- Input L and N reversed alarm function

MODEL (PRO)	1101B	1101	1102B	1102	1103B	1103
Capacity (VA/Watts)	1000 / 700		2000 / 1400		3000 / 2100	
INPUT						
Nominal input voltage	220 / 230 / 240Vac					
Operating voltage range	110~300Vac					
Operating frequency range	46~54Hz / 56~64Hz (auto sensing)					
Power factor	≥0.99					
OUTPUT						
Output voltage rang (Battery mode)	220 / 208 / 220 / 230 / 240Vac ± 1%					
Frequency range (Battery mode)	Synchronized with the utility on AC mode; 50Hz / 60Hz ± 0.2% on Battery mode					
Crest factor	3:1 (Max.)					
Efficiency	≥86% (online), ≥90% (high efficiency mode)					
Harmonic distortion (THD)	<3% (linear load)					

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BATTERY						
DC voltage	24Vdc		48Vdc		72Vdc	
Battery type & number	12V/7Ahx2		12V/7Ahx4		12V/7Ahx6	
Backup time (50% load)	5min (Standard), long run units depends on the capacity of the external batteries.					
Charge Current	4A	1A	4A	1A	4A	1A
SYSTEM FEATURES						
Overload capability	1. 105% ~ 150%, 30s turn to by pass mode and alarm (mains mode) 2. >150%, 300ms turn to by pass mode and alarm (mains mode)					
	1. 105% ~ 150%, exceed 30s turn to shut down mode and alarm (battery mode) 2. >150%, exceed 300ms turn to shut down mode and alarm (battery mode)					
Transfer time	1. 0ms (Mains ↔ Battery) 1. <4ms (Mains ↔ Bypass)					
Communication interface	RS232, optional (USB port, SNMP card, Dry contact card)					
ENVIRONMENTAL						
Operating temperature	0°C ~ 40°C					
Storage temperature	-25~55°C					
Humidity range	0 ~ 95% (non-condensing)					
Altitude	<1500m					
Noise level	<45dB					
PHYSICAL						
Dimension DxWxH (mm)	361x144x215			428x191x337		
Net weight / Shipping weight (kg)	10.2 / 11	5.2 / 6	19.5 / 21.1	9.5 / 11.1	24 / 25.6	9.7 / 11.3
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	MODEL NUMBER	PART NUMBER
PRO 1101B	HP-P1101B	PRO 1102B	HP-P1102B	PRO 1103B	HP-P1103B
PRO 1101	HP-P1101	PRO 1102	HP-P1102	PRO 1103	HP-P1103

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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.

