

HUBNETIX Pro Plus Series

1~3kVA Uninterruptible Power Supply



PRO PLUS 1101B / 1102B / 1103B



Features

- High power density
- Output power factor up to 0.9
- Three segment charging mode to increase battery life, optimize recharge time
- Selectable high efficiency mode of operation
- Cold start
- Standard communication options: RS-232 communication port, USB communication port, and relay output contacts or SNMP card
- Power shedding function may turn off uncritical load in battery backup to make longer backup time for critical load
- Extended runtime with up to four extended battery modules (EBPs) per UPS
- Emergency shutdown control through the remote emergency power-off (EPO) port
- Versatile LCD display with setting function.

MODEL (PRO PLUS)	1101B	1102B	1103B
Capacity (VA/Watts)	1000 / 900	2000 / 1800	3000 / 2700
INPUT			
Nominal input voltage	220 / 230 / 240Vac		
Operating voltage range	200~290Vac(Full load)		
Operating frequency range	50/60Hz±10%		
Power factor	≥0.99		
Maximum input current	4.9A	9.5A	14.2A
OUTPUT			
Output voltage rang (Battery mode)	200 / 208 / 220 / 230 / 240Vac ±1%		
Frequency range (Battery mode)	Synchronised with the utility on AC mode; 50/60(±0.1)Hz on battery mode		
Crest factor	3:1 (Max.)		
Efficiency	>89%		
	>94% (high efficiency mode)		
Harmonic distortion (THD)	<3% (linear load)		

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MODEL (PRO PLUS)	1101B	1102B	1103B
BATTERY			
DC voltage	36Vdc	72Vdc	
Battery type & number	12V / 7Ah / 9Ahx3	12V / 7Ah / 9Ahx6	
Backup time	Estimated remaining time displayed on the LCD		
Typical recharge time	5 hours (to 90% of full capacity)		
Charge Current	1.0A		
SYSTEM FEATURES			
Transfer time	1. 0ms (Mains ↔ Battery) 1. <4ms (Mains ↔ Bypass)		
Overload capability	30s at 100%-150% ;300ms at>150%		
LCD indication	Load/Battery/Input/Output/Operating Mode Information		
Audible alarm	1. Sounding every 4 seconds (Battery Mode) 2. Sounding every second (Low Battery) 3. Sounding twice every second (Overload) 4. Continuously Sounding (Fault)		
Communication interface	RS232, USB, SNMP (optional)		
ENVIRONMENTAL			
Operating temperature	0°C ~ 40°C		
Humidity range	0 ~ 95% (non-condensing)		
Altitude	<1500m		
Noise level	<55dB		
PHYSICAL			
Dimension DxWxH (mm)	409x144x215	466x199x337	
Net weight / Shipping weight (kg)	13	24.6	25.5
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 PLUS 1101B	HP-PP1101B	PRO PLUS 1102B	HP-PP1102B	PRO PLUS 1103B	HP-PP1103B

HUBNETIX CORPORATION
71-75, Shelton Street, London, UK.
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.

