

# HUBNETIX Pro Plus RT Series

## 1~3kVA Uninterruptible Power Supply



PRO PLUS RT 1101 / 1102 / 1103



### Features

- High power density. Output power factor up to 0.9
- Rack and tower installation convertible
- Three segment charging mode to increase battery life, optimize recharge time
- Selectable high efficiency mode of operation
- Cold start function to startup the UPS without utility
- Standard communication options: RS232 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
- With RT LCD design, no matter what point of view, just press the function button can meet user's angle requirement
- Easy maintenance design with hot swappable battery pack from the front

MODEL (PRO PLUS RT)	1101	1102	1103
Capacity (VA/Watts)	1000 / 900	2000 / 1800	3000 / 2700
<b>INPUT</b>			
Nominal input voltage	220 / 230 / 240Vac		
Operating voltage range	200~290Vac		
Operating frequency range	50/60Hz±10%		
Power factor	≥0.99		
Maximum input current	4.9A	9.5A	14.2A
<b>OUTPUT</b>			
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	≥86% (online), ≥90% (high efficiency mode)		
Efficiency	>89%		
	>94% (high efficiency mode)		
Harmonic distortion (THD)	<3% ( linear load)		

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<b>BATTERY</b>			
DC voltage	36Vdc	72Vdc	
Battery type & number	12V / 7Ah / 9Ah x 3	12V / 7Ah / 9Ah x 6	
Backup time	Estimated remaining time displayed on the LCD		
Typical recharge time	5 hours (to 90% of full capacity)		
Charge Current	1.0A		
<b>SYSTEM FEATURES</b>			
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)		
<b>ENVIRONMENTAL</b>			
Operating temperature	0°C ~ 40°C		
Humidity range	0 ~ 95% (non-condensing)		
Altitude	<1500m		
Noise level	<45dB		
<b>PHYSICAL</b>			
Dimension DxWxH (mm)	409x144x215	466x199x337	
Net weight / Shipping weight (kg)	13	24.6	25.5
<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	MODEL NUMBER	PART NUMBER
PRO PLUS RT 1101	HP-PP1101-RT	PRO PLUS RT 1102	HP-PP1102-RT	PRO PLUS RT 1103	HP-PP1103-RT

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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.

