

HUBNETIX Pro Plus RT Series

6~10kVA Uninterruptible Power Supply



PRO PLUS RT 2106 / 2110



Features

- Online-Double conversion
- Output transfer time is 0ms
- PFC technology
- Full digital control (DSP)
- Output power factor: 0.9
- Input current harmonic: <5%
- ECO function
- Charging/Rectifier/Inverter fully digital control technology
- Optimization battery group, the quantity of battery: 16/18/20pcs (optional)
- Wide input voltage range: 208~478Vac or 120~276Vac
- Wide input frequency range: 40~70Hz±0.5Hz
- Self-testing when UPS startup
- Input over/under-voltage protection
- Automatic bypass
- DC start
- Fault isolation
- Communication port: USB , dry contact, RS485*2
- Options: SNMP card/Relay card

MODEL (PRO PLUS RT)	2106	2110
Capacity (VA/Watts)	6k / 5.4k	10k / 9k
INPUT		
Nominal input voltage	380 / 400 / 415Vac (3Ph+N+PE) or 220 / 230 / 240Vac (L+N+PE)	
Operating voltage range	208~478Vac or 120Vac~276Vac	
Operating frequency range	40~70Hz	
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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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, 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)	
ENVIRONMENTAL			
Operating temperature		0°C ~ 40°C	
Storage temperature		-25°C ~ 55°C	
Humidity range		0 ~ 95% (non-condensing)	
Altitude		< 1500m	
Noise level		<55dB	
PHYSICAL			
Dimension DxWxH (mm)		580x443x131(3U)	
Net weight (kg)		23	25
BATTERY BANK			
Model		MEMO -BR Series	
Battery type & Maximum quantity		7Ahx20	9Ahx20
PHYSICAL OF BATTERY BANK			
Dimensions DxWxH (mm)		720x443x131(3U)	
Net weight (kg)		67	75
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 PLUS RT 2106	HP-PP2106-RT	PRO PLUS RT 2110	HP-PP2110-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.

