

Uninterruptible Power Supply

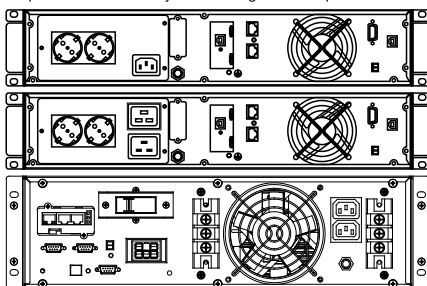


- True On Line Sinewave Output
- EMI /RFI Filter
- With Power Factor Correction Circuit
- SMPS Design
- Full Bridge IGBT Inverter
- Electronic Output Short Circuit Protection
- High Efficiency
- High Reliability
- Wide Input Voltage Range
- Wide Input Frequency Range
- Support Generator Input
- Support Economic Operation Mode
- Expandable Back Up Time
- Audible and Visual Indicator
- Auto Restart
- Rack Mount 19"
- Easy to Install
- Non-Transfer Time of Output
- Full Digital Control (DSP)
- Self-Testing when UPS Start-Up
- Input Over/ Under-Voltage Protection
- Automatic Bypass
- DC Start
- Optimization Battery Group (optional for 6-10kVA)
- Ready for Parallel (6-10kVA)
- Communication Port: RS232, USB
Communicate with Most LAN System and Stand Alone PC, Auto Save and Auto Shutdown

Protect your computer and sensitive equipments from any electrical disturbance.

MODEL	RN1100C	RN2100C	RN3100C	RN6100C	RN1102C11
Capacity (VA/Watts)	1000 / 900	2000 / 1800	3000 / 2700	6000 / 5400	10000 / 9000
INPUT					
Rated voltage	200/208/220/230/240Vac			220/230/240Vac	
Voltage range	110 ~ 300Vac (depend on load percentage)			115 ~ 285Vac (depend on load percentage)	
Frequency range	40 ~ 70Hz (auto detect)			44~55 / 54~66 ±0.5	
Power factor	≥0.99				
Bypass voltage range	Bypass high voltage point Setting in LCD from 230Vac to 264Vac (Default: 264Vac) Bypass low voltage point Setting in LCD from 170Vac to 220Vac (Default: 170Vac)			220V: +25% (optional +10%, +15%, +20%) 230V: +20% (optional +10%, +15%) 240V: +15% (optional +10%) Min. voltage: -45% (optional -20%, -30%)	
Generator input	Support				
OUTPUT					
Output voltage	200/208/220/230/240Vac			220/230/240Vac	
Power factor	0.9				
Voltage regulation	±1%			±2%	
Frequency	Line Mode	45~55Hz (for 50Hz) or 55~65Hz (for 60Hz)			
	Bat. Mode	50/60 (±0.01)Hz			
Crest factor	3:1				
Harmonic distortion (THDv)	≤3% with linear load ≤6% with non-linear load			≤2% with linear load ≤5% with non-linear load	
Waveform	Pure Sinewave				
Efficiency (AC mode full load)	>88%	>89%	>90%	>93.5%	
BATTERY					
Battery voltage	24Vdc	48Vdc	72Vdc	+/-96V; +/-108V; +/-120V (can be set)	
Battery number (internal battery)	2 x 12V, 7Ah	4 x 12V, 7Ah	6 x 12V, 7Ah	- (External Battery / Battery Pack)*	
Typical recharge time	4 hours (to 90% of full capacity)			6~8 hours (to 90% of full capacity)	
Backup time	Estimated remaining time displayed on the LCD				
Charging current (max.)	1A			10A	
SYSTEM					
Transfer time	Utility to Battery: 0ms; Utility to Bypass: <4ms				
Overload (Line Mode)	Load ≤110%: last 10min; ≤130%: last 1min; ≤150%: last 5S; >150% turn to bypass mode (1~3kVA) Load ≤110%: last 60min; ≤125%: last 10min; ≤150%: last 1S; >150% turn to bypass mode (6~10kVA)				
Short circuit	Hold Whole System				
Overheat	Line Mode: Switch to Bypass; Backup Mode: Shutdown UPS immediately				
Battery low	Alarm and Switch off				
EPO (optional)	Shutdown UPS immediately				
Audible & visual alarm	Line Failure; Battery Low, Overload, System Fault				
Communication interface	USB (or RS232), SNMP card/ relay card (optional)				
ENVIRONMENTAL					
Operating temperature	0 ~ 40 °C				
Storage temperature	-25 ~ 55 °C				
Humidity range	20 ~ 90% (non-condensing)				
Altitude	<1500m				
Noise level	<50dB at 1 meter				
PHYSICAL					
Dimensions W x H x D (mm)	440x86.5x325 (2U)	440x86.5x435 (2U)	440x86.5x600 (2U)	440 x 130 x 680 (3U)	
Net weight (kg)	11.5	19.6	26.7	19.0	21.0
Gross weight (kg)	13.9	22.7	30.1	24.0	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				
*BATTERY PACK for 6~10kVA					
Voltage	+/-120Vdc				
Type & number	20 x 12V/7Ah SLA Battery				
Dimensions W x H x D (mm)	440 x 130 x 720 (3U)				
Net Weight (kg)	57				
Gross Weight (kg)	62				

Specification are subject to change without prior notice.



REAR PANEL RN1100C & RN2100C

REAR PANEL RN3100C

REAR PANEL RN6100C & RN1102C11

Contact Person



481-41E0010-220