## **ONLINE UPS** 1-3kVA Single Phase / Single Phase

## Powerpack RT Series

Rackmounted Server and Other Networking Equpment



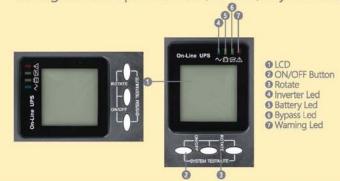




SNMP / DRYCONTACT BOARD



- Rack-Tower Convertible
- Two Directions LCD Display
- Online-Double Conversion (PFC)
- Full Digital Control (DSP)
- Output Power Factor: 0.8
- Economic Operation Mode (ECO)
- Wide Input Voltage Range
- Cold Start (DC)
- Multifunctional Protection
- Output Bypass Can be
- Live Wires Reverse Detection
- Optimized Battery Configuration: 1K-24VA 2K-48VA 3K-72VA
- Charger can be Extended
- Intelligent Slot Optional: USB /SNMP /Dry Contact Board







MODEL							
Capacity		1000VA / 80	00W	2000\	/A / 1600W	3000VA	1/2400W
NPUT							
Phase				Single Ph	ase & Ground		
Rated Voltage		220VAC					
Voltage Range		115VAC-295VAC					
Frequency Range		45~55Hz ±0.5Hz or 55~65Hz ±0.5Hz Auto Sensing					
Power Factor					≥ 0.98		
ECO Range		200VAC-240VAC					
Bypass Voltage Range		186VAC-252VAC					
Current Harmonic		≤7% (100% Non-linear Load)					
ОИТРИТ					•		
Phase				Sinale Ph	ase & Ground		
		Single Phase & Ground 200/208/220/230/240VAC (Optional)					
Rated Voltage Power Factor		200/200/220/230/240VAC (Optional)  0.8					
					±2%		
Voltage Precision		±2% 46-54Hz at 50Hz/56-64Hz at 60Hz					
Output Frequency Utility Mode							
Battery Mode Crest Factor		(50/60±0,2%) Hz 3:1					
Jest racioi				n wis			
		(Utility ← → Battery) = Oms					
ransfer Time		(Utility → Bypass) <4ms (Utility → ECO) <10ms					
				/D-M	- FCO\ -10		
	Datter Manda	1000/ 100/ 1 - 110	-00/ - F0/ F	(SA) - (120 F)	►ECO) <10ms	2004 - FOX F	
Overload Capability	Battery Mode			30s ,Cut Off and Alarm	150% ±5% <load<20< td=""><td>10% ±5% Exceed 300ms, C</td><td></td></load<20<>	10% ±5% Exceed 300ms, C	
Overload Capability	Utility Mode	108%±5% <load.150%±5< td=""><td></td><td>l 30s ,Cut Off and Alarm nsfer to Bypass and Alarm,</td><td>150% ±5%<load<20 150% ±5%<load<200< td=""><td>%±5% Exceed 300ms Trans</td><td>fer to Bypass and Alan</td></load<200<></load<20 </td></load.150%±5<>		l 30s ,Cut Off and Alarm nsfer to Bypass and Alarm,	150% ±5% <load<20 150% ±5%<load<200< td=""><td>%±5% Exceed 300ms Trans</td><td>fer to Bypass and Alan</td></load<200<></load<20 	%±5% Exceed 300ms Trans	fer to Bypass and Alan
	Utility Mode Utility Mode	108%±5% <load.150%±5< td=""><td></td><td>d 30s ,Cut Off and Alarm nsfer to Bypass and Alarm,</td><td>150% ±5%<load<20 150% ±5%<load<200 88%</load<200 </load<20 </td><td>%±5% Exceed 300ms Trans</td><td>fer to Bypass and Alan 38%</td></load.150%±5<>		d 30s ,Cut Off and Alarm nsfer to Bypass and Alarm,	150% ±5% <load<20 150% ±5%<load<200 88%</load<200 </load<20 	%±5% Exceed 300ms Trans	fer to Bypass and Alan 38%
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officiency  THD  CO EFFICIENCY  BATTERY  foltage	Utility Mode Utility Mode Battery Mode	108%±5% <load.150%±5 87% 85% 24VDC</load.150%±5 		d 30s ,Cut Off and Alarm, risfer to Bypass and Alarm,  \$3% (100)  \$5% (100%)  48VDC	150% ±5% <load<20 150% ±5%<load<200 88% 85% % Linear Load) Non-Linear Load)</load<200 </load<20 	%±5% Exceed 300ms Trans { 8	fer to Bypass and Alan 38%
officiency  THD  CO EFFICIENCY  BATTERY  foltage	Utility Mode Utility Mode Battery Mode	108%±5% <load.150%±5 87% 85% 24VDC 2x12V/9AH</load.150%±5 	% Exceed 30s Tran 24VDC -	d 30s ,Cut Off and Alarm, insfer to Bypass and Alarm, ≤3% (100% t ≤5% (100% t 48VDC 4x12V/9AH	150% ±5% <load<200 150% ±5%<load<200 88% 85% % Linear Load) Non-Linear Load) 294% 48VDC</load<200 </load<200 	%±5% Exceed 300ms Trans { &	fer to Bypass and Alan 38% 35%
Overload Capability  Efficiency  THD  ECO EFFICIENCY BATTERY  foltage Battery Configuration Type	Utility Mode Utility Mode Battery Mode	108%±5% <load.150%±5 87% 85% 24VDC 2x12V/9AH</load.150%±5 	% Exceed 30s Tran 24VDC - Maintenance Hig	d 30s ,Cut Off and Alarm, Insfer to Bypass and Alarm,  ≤3% (100%)  ≤5% (100%)  48VDC  4x12V/9AH  h-Rate Sealed Lead Acid	150% ±5% <load<200 %="" (standard)<="" -="" 150%="" 294%="" 48vdc="" 85%="" 88%="" battery="" linear="" load)="" non-linear="" td=""  ="" ±5%<load<200=""><td>%±5% Exceed 300ms Trans</td><td>fer to Bypass and Alan 38% 35%</td></load<200>	%±5% Exceed 300ms Trans	fer to Bypass and Alan 38% 35%
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THD CO EFFICIENCY BATTERY Voltage Battery Configuration	Utility Mode Utility Mode Battery Mode	108%±5% <load.150%±5 87% 85% 85% 24VDC 2x12V/9AH 12V/9AH Free M</load.150%±5 	% Exceed 30s Tran 24VDC  - Maintenance Hig Full load ≥5m 6A	d 30s ,Cut Off and Alarm,  sfer to Bypass and Alarm,  ≤3% (100%)  ≤5% (100%)  48VDC  4x12V/9AH  h-Rate Sealed Lead Acid  hin (Standard), Long Time	150% ±5% <load<200 %="" (standard)="" -="" 150%="" 294%="" 48vdc="" 85%="" 88%="" battery="" depends="" e="" i="" linear="" load)="" non-linear="" on="" td="" the<="" unit="" ±5%<load<200=""><td>%±5% Exceed 300ms Trans { 72VDC 6x12V/9AH e Capacity of Battery 1A</td><td>fer to Bypass and Alan 38% 35% 72VDC</td></load<200>	%±5% Exceed 300ms Trans { 72VDC 6x12V/9AH e Capacity of Battery 1A	fer to Bypass and Alan 38% 35% 72VDC
fficiency  THD  CO EFFICIENCY  SATTERY  foltage  Stattery Configuration  Type  Stackup Time  Charge Current (A)	Utility Mode Utility Mode Battery Mode	108%±5% <load.150%±5 87% 85% 85% 24VDC 2x12V/9AH 12V/9AH Free M</load.150%±5 	% Exceed 30s Tran 24VDC  - Maintenance Hig Full load ≥5m 6A	d 30s ,Cut Off and Alarm, Insfer to Bypass and Alarm,  ≤3% (100%)  ≤5% (100%)  48VDC  4x12V/9AH  h-Rate Sealed Lead Acid  nin (Standard), Long Time  1A	150% ±5% <load<200 %="" (standard)="" -="" 150%="" 294%="" 48vdc="" 85%="" 88%="" battery="" depends="" e="" i="" linear="" load)="" non-linear="" on="" td="" the<="" unit="" ±5%<load<200=""><td>%±5% Exceed 300ms Trans { 72VDC 6x12V/9AH e Capacity of Battery 1A</td><td>fer to Bypass and Alan 38% 35% 72VDC</td></load<200>	%±5% Exceed 300ms Trans { 72VDC 6x12V/9AH e Capacity of Battery 1A	fer to Bypass and Alan 38% 35% 72VDC
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