

UPS Polaris RT-A 6000 I 10000

HIGH POWER DENSITY
RACK-TOWER 2-IN-1 TRUE
DOUBLE CONVERSION
ONLINE UPS

- DSP Control
- 0.9 Output Power Factor
- Wide Input Range
- High Efficiency Mode(ECO)
- Compact Design
- Extendable Run Time
- Power Management Software
- Multiple Communication Ports
- Optional SNMP & Relay Cards
- Temperature Compensation
- PDU(for 6-10KVA)
- 1+1 Parallel for 6-10KVA



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MODELO	RT-6000	RT-A 10000
CAPACIDAD (VA/W)	6 KVA/5400 W	10KVA/9000 W
ENTRADA		
TENSIÓN NORMAL	220/230/240VAC(L+N+PE)	
OPERATING VOLTAGE RANGE	120VAC-276VAC	
OPERATING FREQUENCY RANGE	50HZ, 45≈55HZ, 60HZ, 54≈66HZ	
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%)	
ECO RANGE	SAME AS BYPASS	
HARMONIC DISTORTION (THDI)	≤5%(100% NONLINEAR LOAD)	
GENERATOR INPUT	SUPPORT	

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OUTPUT		
OUTPUT VOLTAGE		220/230/240VAC
FACTOR DE POTENCIA		0,9
REGULACIÓN DE TENSIÓN		±2%
FRECUENCIA	MODO EN LINEA	±1%/±2%/±4%/±5%/±10% OF THE RATED FREQUENCY (OPTIONAL)
	MODO DE BATERIA	(50/60 ±0,1) HZ
CREST FACTOR		3:1
HARMONIC DISTORTION (THD)		≤2% WITH LINEAR LOAD ≤5% WITH NON LINEAR LOAD
WAVEFORM		PURE SINEWAVE
EFFICIENCY		>90%

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BATTERY			
BATTERY VOLTAGE		OPTIONAL VOLTAGE: ±96/108/120VDC	
BACKUP TIME		LONG RUN UNIT DEPENDS ON THE CAPACITY OF EXTERNAL BATTERIES ESTIMATED REMAINING TIME DISPLAYED ON THE LCD	
TYPICAL RECHARGE TIME		6-8 HOURS (TO 90% OF FULL CAPACITY)	
CHARGE CURRENT		MAXIMUM CURRENT 10A, CHARGE CURRENT CAN BE SET ACCORDING TO BATTERY CAPACITY INSTALLED	
SYSTEM FEATURES			
OVERLOAD	LINE MODE	LOADS ≤110%: LAST 60 MIN, ≤125%: LAST 10MIN; ≤150%: LAST 1 MIN; ≤150% TURN TO BYPASS MODE	
	BYPASS MODE	40A (INPUT BREAKER)	63A (INPUT BREAKER)
SHORT CIRCUIT		HOLD WHOLE SYSTEM	
OVERHEAT		LINE MODE: SWITCH TO BYPASS; BACKUP MODE: SHUT DOWN UPS IMMEDIATELY	

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LOW BATTERY VOLTAGE	ALARM AND SWITCH OFF
SELF-DIAGNOSTICS	UPON POWER ON AND SOFTWARE CONTROL
EPO	SHUT DOWN UPS IMMEDIATELY
BATTERY	ADVANCED BATTERY MANAGEMENT
NOISE SUPPRESSION	COMPLIES WITH EN62040-2
AUDIBLE & VISUAL ALARMS	LINE FAILURE, BATTERY LOW, OVERLOAD, SYSTEM FAULT
STATUS LED & LCD DISPLAY	LINE MODE, BACKUP MODE, ECO MODE, BYPASS MODE, BATTERY LOW, BATTERY BAD, OVERLOAD & UPS FAULT
READING ON THE LCD DISPLAY	INPUT VOLTAGE, INPUT FREQUENCY, OUTPUT VOLTAGE, OUTPUT FREQUENCY, LOAD PERCENTAGE, BATTERY VOLTAGE, INNER TEMPERATURE & REMAINING BATTERY BACKUP TIME
COMUNICATION INTERFACE	USB, PARALLEL PORT, SNMPCARD (OPTIONAL), RELAY CARD (OPTIONAL)

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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 WXHxD (MM)	443X131X580 (3U)	
NET WEIGHT (KG)	19	22
STANDARDS		
SAFETY	IEC/EN62040-1, IEC/EN60950-1	
EMC	IEC/EN62040-2, IEC/EN61000-4-2, IEC61000-4-3, IEC61000-4-4 IEC61000-4-5, IEC61000-4-6, IEC61000-4-8	

POLARIS
Energy Systems

Zapiola 4248 3º B - Saavedra (C1429AOD)
Ciudad Autónoma de Buenos Aires
Argentina

info@upspolaris.com
(5411) 5235-UPSS (8777)