

UPS Polaris TX-A-6000 Y TX-A-10000

General Features:

- N+X parallel redundancy
- Online double conversion with DSP control
- Input current harmonic: <3%
- Optimization battery group, tue quantity of battery: 16/18/20 pieces (optional)
- High output power factor at 0.9PF
- Wide input voltage range: 120-276Vac
- Wide input frequency range (50Hz: 45-55Hz/ 60Hz: 54-66Hz)
- Support generator input
- Support economic (ECO) operation mode
- Self-testing when UPS starup
- Options: SNMP card/Relay card/Parallel card
- Cold start



UPS Polaris
TX-A-6000 Y TX-A-10000

MODELO	6KVA	6KVA	10KVA	10KVA
CAPACITY (VA/WALTS)	6K /5.4K		10K/9K	
INPUT				
NOMINAL VOLTAGE	220/230/240VAC			
OPERATING VOLTAGE RANGE	120-276VAC			
OPERATING FREQUENCY RANGE	50HZ:45-55HZ;60HZ_54-66HZ (AUTO SENSING)			
POWER FACTOR	>0.99			
BYPASS VOLTAGE RANGE	MAX. VOLTAGE: 220V: +25% (OPTIONAL +10%, +15%, +20%) 30V: +20% (OPTIONAL +10%, +15% 240V: +15% (OPTIONAL +10%) MIN. VOLTAGE_ -45% (OPTIONAL -20%, -30%)			
ECO RANGE	SAME AS THE BYPASS			
HARMONIC DISTORTION (THDI)	<3% (100% LINEAR LOAD)			
GENERATOR INPUT	SUPPORT			

UPS Polaris
TX-A-6000 Y TX-A-10000

OUTPUT		
RATED VOLTAGE	220/230/240 VAC	
POWER FACTOR	0,9	
VOLTAGE REGULATION	±1%	
FREQUENCY	LINE MODE	± 1%/±2%/±4%/±5%/±10% OF THE RATED FREQUENCY (OPTIONAL)
	BAT. MODE	(50/60 ±0,1) HZ
CREST FACTOR	3:1	
HARMONIC DISTORTION (THDV)	≤2% WITH LINEAR LOAD ≤5% WITH NON-LINEAR LOAD	
EFFICIENCY	>93.5%	
BATTERY		
BATTERY VOLTAGE	± 96/108/120VDC (OPTIONAL)	
CAPACITY (STANDARD UNIT)	12V/7AH/9AH	

UPS Polaris
TX-A-6000 Y TX-A-10000

TYPICAL RECHARGING TIME		6-8 HOURS (TO 90% OF FULL CAPACITY)	
CHARGING CURRENT		1A (STANDARD UNIT); LONG RUN UNIT MAX. CURRENT 10A (CHARGING CURRENT CAN BE SET ACCORDING TO BATTERY CAPACITY INSTALLED)	
SYSTEM FEATURES			
TRANSFER TIME		MAINS TO BATTERY: OMS; MAINS TO BYPASS: OMS	
OVERLOAD	LINE MODE	LOAD $\leq 110\%$: LAST 60 MIN, $\leq 125\%$: LAST 10 MIN, $\leq 150\%$: LAST 1MIN, $>150\%$ TURN TO BYPASS MODE IMMEDIATELY	
	BYPASS MODE	40A (BREAKER)	63A (BREAKER)
SHORT CIRCUIT		HOLD WHOLE SYSTEM	
OVERHEAT		LINE MODE: TURN TO BYPASS; BACKUP MODE: SHUT DOWN UPS IMMEDIATELY	
BATTERY LOW		ALARM AND SWITCH OFF	
SEFT-DIAGNOSTICS		UPON POWER ON AND SOFTWARE CONTROL	
BATTERY		ADVANCED BATTERY MANAGEMENT	
AUDIBLE & VISUAL ALARMS		LINE FAILURE, BATTERY UNDER VOLTAGE, OVERLOAD, SYSTEM FAULT	

UPS Polaris
TX-A-6000 Y TX-A-10000

LED & LCD DISPLAY	LINE MODE, BAT. MODE, ECO MODE, BYPASS MODE, BATTERY UNDER VOLTAGE, 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	RS232, USB, SNMP CARD (OPTIONAL), PARALLEL CARD (OPTIONAL), RELAY CARD (OPTIONAL)	
ENVIRONMENT		
OPERATING TEMPERATURE	0-40°C	
STORAGE TEMPERATURE	-25-55°C	
HUMIDITY RANGE	0-95% (NON-CONDENSING)	
ALTITUDE	<1500M	
NOISE LEVEL	<55DB	
PHYSICAL		
DIMENSION DXWXH (MM)	502*250*616 (S) /481*220*438 (H)	
NET WEIGHT (KG)	62/18	64/20

UPS Polaris
TX-A-6000 Y TX-A-10000

STANDARDS	
SAFETY	IEC/EN62040-1, IEC/EN60950-1
EMC	IEC/EN62040-2, IEC61000-4-2, IEC6100-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8
BATTERY BANK	
MODEL	MP-BT SERIES
BATTERY TYPE&MAX. QUANTITY	2X20PCS/7AH (9AH)
PHYSICAL OF BATTERY BANK	
DIMENSIONS DXWXH (MM)	597X250X616
NET WEIGHT (KG)	122/134

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

POLARIS
Energy Systems

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

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