

## UPS Polaris TX-A 10 3:3 , TX-A 20 3:3

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### General Features:

- Online-Double conversion
- Output transfer time is 0ms
- PFC technology
- Full digital control (DSP).
- Output power factor: 0,9
- Input current harmonic: 3%
- ECO function.
- Charging/Rectifier/Inverter fully digital control technology.
- Optimization battery group, the quantity of battery: 10-30K(18/18/20 pcs optional) 40-80K (32/34/36/38/40 pcs optional).
- Wide input voltage range:208-478Vac
- Wide input frequency range: 40-70Hz
- DC start
- Communication port: USB/RS232/RS485. Parallel port / dry contact
- Options: SNMP card/Relay card
- LCD/LED double display
- IEPO function
- Common battery group
- The output can meet 100% unbalanced load



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MODEL	YDC3310S/H	YDC3315S/H	YDC3320S/H	YDC3330S/H	YDC3340	YDC3360	YDC3380
CAPACITY (VA/WALTS)	10K/9K	15K/13.5K	20K/18K	30K/27K	40K/36K	60K/54K	80K/72K
INPUT							
NOMINAL VOLTAGE	380/400/415VAC, (3PH+N+PE)						
OPERATING VOLTAGE RANGE	208-478VAC						
OPERATING FREQUENCY RANGE	45-55HZ AT 50HZ / 54 -66 HZ AT 60HZ (AUTO SENSING)					40-70 HZ	
POWER FACTOR	≥ 0.99						
BYPASS VOLTAGE RANGE	380VAC MAX VOLTAGE_+25% (OPTIONAL +10%, +15%, +20%) 400 VAC MAX VOLTAGE: +20% (OPTIONAL +10%, +15%) 415 VAC MAX VOLTAGE: +15% (OPTIONAL +10%) MIN VOLTAGE: -45% (OPTIONAL -20%, -30%)						
BYPASS FREQUENCY RANGE	FREQUENCY SYNCHRONIZE TRACING RANGE: ±10%						
ECO RANGE	SAME AS BYPASS						
HARMONIC DISTORTION (THDI)	≤3% (100% NON-LINEAR LOAD)						

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OUTPUT			
OUTPUT VOLTAGE	380/400/415 VAC (3PH+N+PE)		
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 (THD)	≤2% WITH LINEAR LOAD		
EFFICIENCY	93,5%	94,5%	
BATTERY			
BATTERY VOLTAGE	STANDARD UNIT: ±120VDC (20PCS, 12V9AH); LONG RUN UNIT: ±96V/±108V/±120VDC (16/18/20PCS OPTIONAL)	STANDARD UNIT:±120VDC (2X20PCS 12V9AH)	STANDARD UNIT: ±120DC (3X20PCS 12V9AH) OPTIONAL VOLTAGE: ±192V/ ±204V/±216V/±228V/ ±240VDC (32/34/36/38/40 PCS OPTIONAL)

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CHARGE CURRENT (A) (CHARGE CURRENT BE SET ACCORDING TO BATTERY CAPACITY INSTALLED)	STANDARD UNIT: 1.35A LONG RUN UNIT: MAX. CURRENT 10A	STANDARD UNIT: 2.7A LONG RUN UNIT: MAX CURRENT 10A	STANDARD 4.05A LONG RUN UNIT: MAX. CURRENT 15A	MAX. CURRENT 15A	MAX. CURRENT 30A	MAX. CURRENT 30A
<b>SYSTEM FEATURES</b>						
TRANSFER TIME	UTILITY TO BATTERY: 0MS; UTILITY TO BYPASS: 0MS					
OVERLOAD	LOAD≤110%: LAST 60MIN, ≤125%: LAST 10MIN, ≤150%: LAST 1 MIN, ≥150% CHANGE TO BYPASS					
SHORT CIRCUIT	HOLD WHOLE SYETEM					
COMMUNICATION	USB, RS232, RS485, PARALLEL PORT, COUPLER DRY CONTACT, INTELLIGENT SLOT, SNMP CARD (OPTIONAL), RELAY CARD (OPTIONAL) LBS PORT (ONLY 60-80K)					
<b>ENVIRONMENTAL</b>						
OPERATING TEMPERATURE	0-40					
STORAGE TEMPERATURE	-25 - 55°C (NO BATTERY)					
HUMIDITY RANGE	0-95% (NON CONDENSING)					

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ALTITUDE	<1500M.WHEN>1500M, LOWER THE RATED POWER USE						
NOISE LEVEL	<55DB	<58DB			<63DB		
<b>PHYSICAL</b>							
DIMENSION DXWXH (MM)	828X250X858				828X360X868		
NET WEIGHT (KG)	115/57	170/63	171/64	223/71	73	118	122
<b>STANDARDS</b>							
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						

SPECIFICATIONS ARE SUBJET TO CHANGE WITHOUT PRIOR NOTICE.

**POLARIS**  
**Energy Systems**

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