



On-Line Double Conversion
1 Phase in - 1 Phase out
6 and 10 kVA / PF=1

AccuLiNE
UNINTERRUPTIBLE POWER SUPPLY

TNmax Series

ON-LINE UPS

KEY FEATURES

- N+X parallel redundancy, support maximum 4 units in parallel.
- Online double conversion with full digital control.
- Wide input voltage range: 110~286Vac.
- Wide input frequency range.
- Selectable output voltage: 208/220/230/240Vac.
- Generator compatible.
- ECO mode operation for energy saving.
- Self-testing during startup.
- Multiple standard communication interface: RS232 / USB / EPO.
- SNMP card or Relay card optional.
- Maximum charging current up to 10A.
- Cold start.
- Maintenance bypass switch.
- Intelligent fan speed regulation.
- Multiple protection function: short-circuit, overload, overtemperature, battery overcharge and overdischarge, output low voltage and fan fault alarm.



Blue color LCD display



Parallel board

Relay card



SNMP



MODEL			6000	6000 L	10000	10000 L
CAPACITY	VA/W		6000VA /6000W		10000VA /10000W	
INPUT	Nomimal Voltage		208/220/230/240Vac			
	Input Voltage Range		110~286Vac			
	Power Factor		≥0.99			
	Bypass Voltage Range		Max.voltage: 220V: +25% (Configurable +10%, +15%, +20%) 230V: +20% (Configurable+10%, +15%) 240V: +15% (Configurable +10%)			
			Min.voltage: —45% (Configurable—20%, —30%)			
FREQUENCY	Frequency Range		40~70Hz (50/60Hz Auto-Sensing)			
OUTPUT	Output Voltage		208/220/230/240Vac			
	Voltage Regulation		±1%			
	Power Factor		1.0			
	Output Frequency	Line Mode	±1%/±2%/±4%/±5%/±10% of the rated frequency (Configurable)			
		Battery Mode	(50/60 ± 0.1%)Hz			
	Crest Factor		3:1			
	Harmonic Distortion (THDv)		< 2% Linear load			
			< 5% Non linear load			
	Transfer Time	AC Mode to Bat.Mode	0 ms			
		Inverter to Bypass	0 ms			
	Output Waveform		Pure Sinewave			
	Overload	AC Mode to Bat.Mode	Load≤110% for 60min; ≤125% for 10min; ≤150% for 1min;			
		Inverter to Bypass	40A (Breaker)		63A (Breaker)	
	Efficiency		up to 93.5%			
	BATTERY	Battery Voltage		±96 Vdc	±96/±108/±120Vdc (Settable)	±96 Vdc
Capacity (Standard Unit)		9Ah/12V				
Typical Recharging Time		6~8 hours (To 90% of full capacity)				
Charging Current (Standard Unit)		1.35 A configurable up to 10 A				
Charging Current (Long Run Unit)		Max.current 10 A (Charging current can be set according to bat. capacity)				
INDICATORS	LED Display		Line mode, Bat.mode, ECO mode, Bypass mode, Battery low voltage,Overload & UPS fault			
	LCD Display		Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time			
ALARM	Battery Mode		Beeping every 4 seconds			
	Battery Low		Beeping every second			
	Oveload		Beeping twice every second			
	Fault		Continously beeping			
PHYSICAL	Dimension (W × D × H) mm		191 x 460 x 720	191 x 460 x 337	191 x 460 x 720	191 x 460 x 337
	Net Weight		70 kg	12.5 kg	71.5 kg	14 kg
ENVIROMENT	Operating Temperature		0°C~40°C			
	Storage Temperature		-25°C~55°C			
	Humidity Range		< 95% (Non condensing)			
	Altitude		< 1500m			
	Noise Level		<55dB at 1 Meter		<58dB at 1 Meter	
STANDARDS	Safety		IEC/EN 62040-1, IEC/EN 62477-1			
	EMC		IEC/EN 62040-2 (IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5 IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11, IEC 61000-2-2)			
	Efficiency		IEC/EN 62040-3			

1. When the output voltage is 208Vac,derating 80% of the unit capacity
2. Specifications are subject to change without prior notice



V1-2309

