

TECHNICAL POWERTECH TX9 2 kVA SPECIFICATIONS

		TX9 2 kVA
Phases		Single phase grounding
Capacity	VA	2000
	W	1800
INPUT		
Voltage Range	Low transfer voltage	80VAC/70VAC/60VAC/55VAC \pm 5% or 160VAC/140VAC/120VAC/110VAC \pm 5% (based on percentage of load) 100%-80%-70%/70%-60%/60%-0)
	Low return voltage	85VAC/75VAC/65VAC/60 VAC \pm 5% or 170VAC/150VAC/130VAC/120VAC \pm 5% (based on percentage of load) 100%-80%/80%-70%/70%-60%/60%-0
	High transfer voltage	150 VAC \pm 5% or 300 VAC \pm 5%
	High return voltage	140 VAC \pm 5% or 290 VAC \pm 5%
Frequency Range		40 Hz-70Hz
Power Factor		\leq 0.99@Nominal Voltage (100% of load)
OUTPUT		
Output voltage		110/115/120/127 VAC o 208/220/230/240 VAC
Regulation of AC voltage (Battery Mode)		(\pm 1)%
Frequency Range (Synchronized Range)		47-53 Hz o 57-63 Hz
Frequency Range (Battery Mode)		50Hz \pm 0.2 Hz o 60Hz \pm 0.2Hz
Peak Current Ratio		5:1 (Max)
Harmonic Distortion		\leq 8% TDH (Non-linear load)
Transfer Time	Online mode to battery mode	Zero
	Inverter to "Bypass" mode	4 ms (Estimated)
Wave shape (Battery mode)		Pure sinusoidal
EFFICIENCY		
AC Mode		86%
Emergency Mode		85%
BATTERY		
Type of Battery		12V/9AH
Quantity		4
Estimated Recharging Time		4 hours @ 90% of capacity
Current Load (Max)		1.0 A
Charging Voltage		54.7 VDC \pm 1%

INDICATORS

LCD Screen	Load level, failure or alarm level
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ALARM

Battery Mode	Alarm sounds every 4 seconds
Low Battery Level	Alarm sounds every second
Overload	Alarm sounds twice every second
Failure	Alarm sounds continuously

PHYSICAL CHARACTERISTICS

DxWxH (mm) Dimensions	380x438x88 (2U)
Input connectors	
Output connectors	
Number of receptacles	4 or 8
Amperage / Type	15 A/polarized
Net Weight (Kgs)	20.6

ENVIRONMENTAL CONDITIONS

Humidity	20-90 %RH @ 0-40°C (Without condensation)
Noise Level	Less than 50 dBA @ 1 meter

MONITORING

Smart RS - 232/USB	Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix, and Mac
Optional SNMP Card	Monitoring by SNMP card and web navigator

