

TECHNICAL POWERTECH TX9 3 kVA SPECIFICATIONS

		TX9 3 kVA
Phases		Single phase grounding
Capacity	VA	3000
	W	2700
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		6
Estimated Recharging Time		4 hours @ 90% of capacity
Current Load (Max)		1.0 A
Charging Voltage		82.1 VDC \pm 1%

INDICATORS

LCD Screen	Load level, failure or alarm level
------------	------------------------------------

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	600x438x88 (2U)
Input connectors	L5 - 30P
Output connectors	L5 - 30R
Number of receptacles	4 or 8
Amperage / Type	15 A/polarized
Net Weight (Kgs)	28

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

