

# TECHNICAL POWERTECH TX9 1.5 kVA SPECIFICATIONS

		<b>TX9 1.5 kVA</b>
Phases		Single phase grounding
Capacity	VA	1500
	W	1350
<b>INPUT</b>		
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)
<b>OUTPUT</b>		
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		$\leq$ 2% THD (Carga lineal)
Transfer Time	Online mode to battery mode	Zero
	Inverter to "Bypass" mode	4 ms (Estimated)
Wave shape (Battery mode)		Pure sinusoidal
<b>EFFICIENCY</b>		
AC Mode		86%
Emergency Mode		83%
<b>BATTERY</b>		
Type of Battery		12V/9AH
Quantity		3
Estimated Recharging Time		4 hours @ 90% of capacity
Current Load (Max)		1.0 A
Charging Voltage		41.1 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	480x438x88 (2U)
Input connectors	
Output connectors	
Number of receptacles	4 or 8
Amperage / Type	15 A/polarized
Net Weight (Kgs)	17.6

## 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

