

# TECHNICAL POWERTECH TX9 6 kVA SPECIFICATIONS

		TX9 6 kVA
Phases		Single Phase + Neutral
Capacity	VA	6000
	W	5400
<b>INPUT</b>		
Voltage Range	Low transfer voltage	110VAC+3% to 50% load
	Low return voltage	Low voltage line +10V
	High transfer voltage	300VAC +3%
	High return voltage	High voltage line-10V
Rango de frecuencia		System: 46Hz - 54Hz @ 50Hz/System:56Hz - 64 Hz @ 60Hz
Factor de potencia		>0.99@Voltage Nominal (100% of load)
<b>OUTPUT</b>		
Output voltage		104/110/115/120VAC or 208/220/230/240 VAC
AC Voltage Regulation (Battery Mode)		(±3)%
Frequency Range (Synchronized Range)		System: 46Hz-54Hz @ 50Hz/ System:56 Hz-64Hz @ 60 Hz
Frequency Range (Battery Mode)		50Hz ±0.1 Hz o 60Hz ±0.1Hz
Peak Current Ratio		3:1 (Max)
Harmonic Distortion		<3%@100% Linear loads
Transfer Time	Battery Network	0ms
	Inverter-Bypass	0ms
	Inverter-ECO	<10ms
Wave Shape (Battery Mode)		Pure sinusoidal
<b>EFFICIENCY</b>		
AC Mode		>84%
Emergency Mode		>83%
<b>BATTERY</b>		
<b>STANDARD MODEL</b>		
Type of Battery and Number		12V/7AHx20
Recharging Time		7 hours recharging 90% of capacity
Estimated Recharging Time		4 hours @ 90% of capacity
Charging Current (Max)		1.0 A±10% (max)
Charging voltage		273 VDC ± 1%
<b>LONG RANGE MODEL</b>		
Type		Depends on the applications
Number		18-20