

# TECHNICAL SPECIFICATIONS

## TX9 6 - 10 kVA RACK

GENERAL DATA		6 KVA	10 KVA
Output power		5400 VA	9000 VA
Topology		True online double conversion	
INPUT DATA			
Voltage Range	Transfer voltage - low	110VAC $\pm$ 3% at 50% of load 176VAC $\pm$ 3% at 100% of load	
	Return voltage low	175VAC/155VAC/135VAC/125VAC $\pm$ 5% o 87VAC/77VAC/67VAC/62VAC $\pm$ 5%	
	Transfer voltage high	300 VAC $\pm$ 3%	
	Return voltage - high	290 VAC $\pm$ 5% o 145 VAC $\pm$ 5%	
Frequency range		46Hz - 54Hz @ system 50 Hz 56Hz - 64Hz @ system 60 Hz	
Power factor		$\geq$ 0.99 @ full load	
Phase		Single phase + earth	
OUTPUT DATA			
Voltage		200/208/220/230/240VAC	
AC voltage regulation		$\pm$ 1%	
Frequency range (Gamma synchronism)		46Hz -54Hz @ system 50 Hz 56Hz - 64Hz @ system 60 Hz	
Frequency range (Battery mode)		50Hz $\pm$ 0.1Hz o 60Hz $\pm$ 0.1Hz	
Peak current value		3:1	
Harmonic distortion		$\leq$ 2% THD Linear load $\leq$ 4% THD Non linear load	
Transfer Time	AC battery mode	0ms	
	Inverter to Bypass	0 ms	
	Wave shape (Battery mode)	Sinusoidal	
EFFICIENCY			
In AC mode		90%	
In battery mode		88%	
BATTERIES			
Type of battery	12V/7Ah	12V/9Ah	
Quantity	20		
Recharging time	7 hours @ 90%	9 hours @ 90%	
Load voltage	273V $\pm$ 1%		
ENVIRONMENTAL PARAMETERS			
Operating temperature	0-40 °C		
Relative humidity	<95% (without condensation)		
Audible noise with 100% of load	-58 dB @ meter	-60 dB @ meter	
Maximum altitude	<1000m		

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### INDICATORS

Status	Load level, Battery level, Battery mode, AC mode, Bypass mode, Failure
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### AUDIBLE ALARM

Battery operation mode	Beeps every 4 seconds
Low battery	Sound every 2 seconds
Overload	Sound every second
Failure	Sound every 2 seconds

### COMMUNICATIONS

Smart RS232	Supports Windows 2000/2003/XP/Vista/2008 ,7.8, Linux, Unix and MAC
SNMP (opcional)	Power management from SNMP manager and web browser

### MECHANICAL DATA

WxHxL (mm)	580x438x133 UPS	668x438x133 UPS
Net weight (Kg)	580x438x133 Battery bank 20 UPS 57 Battery bank	580x438x133 Battery bank 23.5 UPS 63 Battery bank

