

# On Line High Frequency UPS GH11 PRO TX -6-10K(L)



## Technical Features:

- True double-conversion
- DSP technology guarantees high performance
- Output power factor 1
- Wide input voltage range (110-300 VAC)
- Active input power factor correction 0.99
- 50Hz/60Hz frequency converter mode
- Emergency power off function (EPO)
- Generator compatible
- SNMP/USB/RS-232 communications
- Adjustable battery numbers
- Built-in maintenance bypass
- Optional N+X parallel redundancy



## Technical Specifications:

MODEL	GH11 PRO TX 6K(L)		GH11 PRO TX 10K (L)	
PHASE	Single phase with ground			
CAPACITY	6000 VA / 6000 W		10000 VA / 10000 W	
<b>INPUT</b>				
Nominal Voltage	208/220/230/240 VAC			
Input Voltage Range	110-300VAC at 0-60% load , 140-300VAC at 60-80% load , 176-300VAC at 80-100% load			
Frequency Range	46-54 Hz or 56-64 Hz			
Power Factor	≅ 0.99 @ full load			
THDi	zero			
<b>OUTPUT</b>				
Output Voltage	104/110/115/120VAC or 208/220/230/240 VAC			
Voltage Regulation (Batt. Mode)	± 1%			
Frequency Range (Synchronized Range)	46-54 Hz or 56-64 Hz			
Frequency Range (Batt. Mode)	50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz			
Current Crest Ratio	3:1 (max.)			
Harmonic Distortion	≅ 2 % THD (Linear Load), ≅ 6 % THD (Non-linear Load)			
Transfer Time	AC Mode to Batt. Mode	Zero		
	Inverter to Bypass	zero		
Waveform (Batt. Mode)	Pure Sinewave			
Overload	AC Mode	100%~110%: 10min ; 110%~130%: 1min ; >130% : 1sec		
	Battery Mode	100%~110%: 30sec ; 110%~130%: 10sec ; >130% : 1sec		
<b>EFFICIENCY</b>				
AC Mode	88%			
Battery Mode	86%			
<b>BATTERY</b>				
Battery Type	12 V / 7 AH	Depending on applications	12 V / 9 AH	Depending on applications
Numbers	20	16-20**	20	16-20**
Typical Recharge Time	9 hours recover to 90% capacity	Depending on external battery capacity	9 hours recover to 90% capacity	Depending on external battery capacity
Charging Current (max.)	1.0 A	4.0 A	1.0 A	4.0 A
Charging Voltage	273.0 VDC ± 1%	{13.65VDC x battery number} ± 1%	273.0 VDC ± 1%	{13.65VDC x battery number} ± 1%
<b>ALARM</b>				
Battery Mode	Sounding every 4 seconds			
Low Battery	Sounding every second			
Overload	Sounding twice every second			
Fault	Continuously sounding			
<b>PHYSICAL</b>				
Dimension, D x W x H [mm]	592 x 250 x 826	592 x 250 x 576	592 x 250 x 826	
Net Weight [kgs]	117	63	146	88
<b>ENVIRONMENT</b>				
Humidity	20-90 % RH @ 0- 40°C (non-condensing)			
Noise Level	Less than 55dBA @ 1 Meter		Less than 58dB @ 1 Meter	
<b>MANAGEMENT</b>				
Smart RS-232 or USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8/10, Linux and MAC			
Optional SNMP	Power management from SNMP manager and web browser			

\*Derate capacity to 80% when the output voltage is adjusted to 100VAC/200VAC/208VAC.

Product specifications are subject to change without further notice



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