

Power



Tri Power X33 HE

Three Phase UPS 60 kVA



- Models: 60 kVA
- High efficiency up to 96.5%
- High output power factor 0.9
- THDI < 3%
- Small footprint
- Multilingual graphic display

Tri Power X33 HE uses online double conversion (VFI) technology where the load is always powered by the inverter ensuring a filtered and stabilized sinusoidal voltage manufactured with the state of the art IGBT rectifier technology. Offering high efficiency values up to 96.5% even in part load situations saves money on electricity bills protecting at the same time our environment with less CO2 consumption. Light weight and small footprint allows easy, space saving and low cost installation. The 0.9 output power factor provides up to 15% more active power than a traditional UPS and more load expansion. TRI X33 HE UPS systems are ideal for the protection of critical information and telecommunications networks which can not run the risk of being powered from a poor quality electrical supply.

Tri Power X33 HE 60kVA

Technical Data

Model:	X33 HE 60
Power (kVA)	60
INPUT	
Rated voltage	380-400-415 VAC three-phase with Neutral
Rated frequency	50 Hz / 60 Hz
Frequency tolerance	40 - 72 Hz
Power factor at full load	0,99
Current distortion	THDI ≤ 3%
BY PASS	
Rated voltage	380-400-415 VAC three-phase with Neutral
Number of phases	3 + N
Voltage tolerance	180 - 264 V (selectable)
Rated frequency	50 / 60 Hz
Frequency tolerance	± 5 (selectable)
OUTPUT	
Rated power (kVA)	60
Active power (kW)	54
Output power factor	0,9
Number of phases	3 + N
Rated voltage (V)	380-400-415 VAC (selectable)
Static variation	± 1%
Dynamic variation	± 3%
Crest factor (I _{peak} /I _{rms})	3 : 1
Voltage distortion	≤ 1% with linear load / ≤ 3% with non-linear load
Frequency	50 / 60 Hz
Frequency stability on battery mode	0,01%
Overload at pF 0.8	115% unlimited, 125% for 10minutes, 150% for 1minute, 168% for 5seconds
BATTERIES	
Type	VRLS AGM / GEL
Recharge time	6 hours
Autonomy	20 min
ENVIRONMENTAL	
Communication	3 communication interface slots / RS232 / USB
Operating temperature	0°C - 40°C
Relative humidity	90% non condensing
Colour	dark grey RAL7016
Noise	< 65 dBA at 1m
Protection rating	IP 20
Efficiency Smart Mode	up to 99%
Weight (kg)	(UPS) 190 // (BATTERY PACK) 600
Dimensions HxWxD (mm)	(UPS) 1600x500x850 // (BATTERY PACK)1200 x 600 x 650
Compliance	European Directives: L V 2006/95/CE Low voltage directive EMC 2004/108/EC Electromagnetic compatibility directive Standards: Safety IEC EN 62040-1; EMC IEC EN 62040-2 C2 Classification according to IEC 62040-3 (Voltage Frequency Independent) VFI-SS-111

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