

# Power

## Tri Power X33 Mod

Modular 3phase UPS 10 to 60 kVA



- Models: 10 to 60 kVA
- Cost efficient N+X redundancy
- Customized configuration with 3.4 and 5 kVA power modules
- THDI < 3%
- Modular battery system
- Easy future power expansion

Tri Power X33 Mod UPS systems operate according to the online double conversion technology (VFI) supporting the load constantly and uninterruptible with pure sine wave voltage. Through the modular power design with either 3.4 or 5 kVA modules a N+X redundancy can be achieved at any time. The low weight of the power modules with 8 kg and the modular battery drawers with 13 kg allows an easy and cost efficient installation. Malfunctioning modules can be easily swapped and save money on expensive service actions. Backup times up to one hour with modular batteries are possible. Of course for longer backup times bigger standard battery banks are available.

Tri Power X33 Mod UPS systems can be used in any critical application in the IT or industrial area and convince with easy handling and operation.



## Tri Power X33 Mod 10 to 60 kVA

Technical specifications							
Model	X33 Mod 10	X33 Mod 15	X33 Mod 20	X33 Mod 30	X33 Mod 40	X33 Mod 45	X33 Mod 60
Power (kVA)	10	15	20	30	40	45	60
<b>INPUT</b>							
Rated voltage	230V 1 phase / 400V 3 phase +N			400V 3 phase +N			
Rated frequency	50 Hz / 60 Hz						
Frequency tolerance	+/- 2% (+/- 14% selectable)						
Power factor at full load	> 0,99						
THDI	≤ 3%						
<b>OUTPUT</b>							
Rated power (kVA)	10	15	20	30	40	45	60
Active power (kW)	8	12	16	24	32	36	48
Output power factor	0,8						
Rated voltage (V)	230V 1 phase / 400V 3 phase +N			400V 3 phase +N			
Static variation	+/- 1%						
Dynamic variation	+/- 3%						
Crest Faktor (Ipeak/Irms)	3,5 : 1						
Voltage distortion	≤ 1% with linear load / ≤ 3% with non-linear load						
Frequency	50 Hz / 60 Hz						
Frequency stability on battery mode	0,01%						
Overload at pF 0.8	125% for 2 minutes, 150% for 30 seconds						
<b>BATTERIES</b>							
Type	VRLA						
<b>ENVIRONMENTAL</b>							
Communication	SNMP slot, 2x RS232, 1x Logic interface dry contact port						
Operating temperature	0°C - 40°C						
Relative humidity	20% - 80% non condensing						
Noise	at 1 meter distance = 42 - 46 dBA						
Protection rating	IP 20						
Efficiency smart mode	up to 99%						
Weight without internal batteries (kg)	130	130	154	154 - 75	154 - 75	165 - 75	194 - 75
Dimensions WxHxD (mm)	414x1645x628			2x 414x1645x628			
Compliance	Standards: Safety IEC EN 62040-1-1; EMC IEC EN 62040-2 C2 Classification according to IEC 62040-3 (Voltage Frequency Independent) VFI-SS-111						

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