

Tri Power X33 SE

3-Phase UPS from 60 to 120kVA



- High efficiency up to 96.6 %
- Output power factor 1.0
- Low total harmonic distortion, THDi < 3 %
- Small footprint
- User-friendly, multilingual display
- Smart Battery Management
- NEW: 60kVA with internal batteries available

Our Tri Power X33 SE 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 99 % in economy mode saves money on electricity bills at the same time protecting our environment with less CO2 emissions. Light weight and small footprint allows easy, space saving and low cost installation. Tri X33 SE 60 - 120 KVA UPS systems are available with three phase output (X33) and 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 SE 60 to 120kVA

Technische Daten				
Model	X33 SE 60 ACT / EXT	X33 SE 80	X33 SE 100	X33 SE 120
Nominal power (kVA)	60	80	100	120
Input				
Voltage	380 / 400 / 415 VAC 3-phase + N			
Rated frequency	50 Hz / 60 Hz			
Frequency tolerance	40 - 72 Hz			
Power Factor @ full load	0,99			
THDi	≤ 3 %			
Bypass				
Voltage	380 / 400 / 415 VAC 3-phase + N			
Number of Phases	3 + N			
Voltage tolerance	180 - 264 V (selectable)			
Frequency	50 / 60 Hz			
Frequency tolerance	± 5 (selectable)			
Output				
Nominal power (kVA)	60	80	100	125
Active power (kW)	60	80	100	125
Power Factor	1.0			
Number of phases	3 + N			
Voltage (V)	380 / 400 / 415 VAC (selectable)			
Voltage stability	± 1 %			
Dynamic stability	± 3 %			
Crest Faktor (I _{peak} /I _{rms})	3 : 1			
Voltage distortion	≤ 1 % linear load / ≤ 1.5 % non linear load			
Frequency	50 / 60 Hz			
Frequency stability in Battery Mode	0,01 %			
Bypass Overload	110 % infinite 125 % for 60 min., 150 % for 10 min.			
Batteries				
Type / Number	VRLS, AGM, GEL / 40			
Recharging method	One level, Two level, Cyclic recharge (selectable)			
Overall specification				
Communication	2 slots for communications interface USB - RS232 - Contact interface with 5x opto insulated Input and 4x Output relays			
Ambient temperature	0 °C - 40 °C			
Temperature warning	The service life is specified at an ambient temperature of 20° - 25°C. At higher temperatures reduce the service life.			
Relative humidity	5 - 95 % nicnon condensing			
Colour	anthracite grey RAL7016			
Noise level	< 65 dBA @ 1m			
Protection class	IP 20			
Efficiency Smart Mode	up to 99 %			
Weight w/o batteries (kg)	ACT 87 EXT130	172	180	198
Dimensions(mm)	ACT 380x850x1025 EXT 440x840x1320		500 x 830 x 1600	
Standards	European directives: L V 2014/35/EU low voltage Directive EMC 2014/30/EU electromagnetic compatibility Directive Standards: Safety IEC EN 62040-1; EMC IEC EN 62040-2; RoHS compliant Classification in accordance with IEC 62040-3 (Voltage Frequency Independent) VFI - SS - 111			

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