



ALPHA
OUTBACK
ENERGY

Tri Power X33 TE

3-phase UPS-System 10 to 80 kVA



- High Output Power Factor 1.0
- High Input Power Factor < 0,99
- Level 3 IGBT-Technology
- High Online Mode Efficiency up to 96 %
- Low Input Harmonic THDI < 3 %
- Colorful, user friendly touch screen
- 32 to 40 batteries per string, configurable
- Double input as standard
- Optional: internal isolation transformer
- Easy maintenance through intelligent error analysis

The Tri Power X33 TE series is ideal for protecting data centres and telecommunications systems, IT networks and critical systems in general, where the risks connected with poor energy supply can compromise the continuity of activities and services. With its Tri Power X33 TE series, we deliver a high performance, smart and effective power solution, designed for maximum flexibility. Tri Power TE series is designed and built using state-of-the-art technology and components. For industrial applications our Tri Power X33 TE series is available with internal output isolation transformer for galvanic isolation.

Tri Power X33 TE 10 to 80 kVA

Technical Data						
Model	X33 TE 10	X33 TE 20	X33 TE 30	X33 TE 40	X33 TE 60	X33 TE 80
Power (kVA)	10	20	30	40	60	80
Input						
Input Voltage	400 VAC (+/- 20 %) 3-phase + N					
Input Power Factor	> 0,99					
Input Frequency	45 - 65 Hz					
Current distortion	THDi < 3 %					
Output						
Active Power (kW)	10	20	30	40	60	80
Output Voltage	380 / 400 / 415 VAC 3-phase + N					
Power Factor	1.0					
Efficiency	up to 96 %					
Output Frequency	50Hz / 60Hz					
THD out	linear load < 1 % / distorting load < 3 %					
Crest Factor (CF)	3 : 1					
Overload Capacity	60 min. at 110 %, 10 min. at 125 % load, 1 min. at 150 % load					
Batteries						
Quantity / Type	32 - 40 x batteries per string (configurable. 2 strings max.)					
Internal Batteries	yes			no		
Charging Current	3,5 A	7 A	10 A	13 A	20 A	26 A
Communications						
Standard	USB, EPO, Dry Contact					
Optional	2 Communication Slots for SNMP Card, RS-485 Modbus Card, Dry Contact Card					
Display	4,3" colorful LCD Touch Screen					
General						
Operation Temp.	0 °C - 40 °C					
Protection Class	IP 20					
Humidity	up to 95 % w/o condensation					
Parallel Operation	up to 6 units					
Noise	< 52 dBA		< 56 dBA		< 60 dBA	
EPO	Yes					
Net Weight (kg) w/o batteries	84	86	130	132	200	210
Dimensions (mm)	440 W x 860 D x 1390 H				600 W x 827 D x 1345 D	
Certificates						
Quality	ISO 9001 - ISO 14001					
Mark	CE					
Standards	LVD: EN62040-1 / EMC requirements: EN62040-2					

Worldwide Corporate Offices

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