

# Power

## Tri Power X33 TE

3-Phase UPS 10 to 80kVA



- Level 3 IGBT-Technology
- High Online Mode Efficiency (96%)
- High Input Power Factor (> 99%)
- Low Input Harmonic (THDi < 3%)
- High Output Power Factor (1.0)
- Double Input as standard
- 32 to 40 Batteries per String configurable
- Easy Maintenance
- Colorful LCD Touch Screen
- Internal Isolation Transformer optional

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, Alpha delivers 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 Alpha's Tri Power X33 TE series is available with internal output isolation transformer i.e. for galvanic isolation.

# Tri Power X33 TE 10 to 80kVA



Technical Data						
Model	TE 10	TE 20	TE 30	TE 40	TE 60	TE 80
Power (kVA)	10	20	30	40	60	80
<b>INPUT</b>						
Input Voltage	400VAC (+/- 20%) 3 Phase + N					
Input Power Factor	> 0,99					
Input Frequency	45 - 65 Hz					
Current distortion	THDi < 3%					
<b>OUTPUT</b>						
Active Power (kW)	10	20	30	40	60	80
Output Voltage	380/400/415VAC 3P + N (+/- 1% static load)					
Power Factor	1					
Efficiency	Up to 96%					
Output Frequency	50Hz/60Hz +/- 0,05% (free running)					
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					
<b>BATTERIES</b>						
Quantity / Type	32 - 40 x batteries per string (configurable. 2 strings max.)					
Internal Batteries	yes				no	
Charging Current	3,5A	7A	10A	13A	20A	26A
<b>COMMUNICATION</b>						
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					
<b>GENERAL</b>						
Operation Temp.	0°C - 40°C					
Protection Class	IP20					
Humidity	up to 95% w/o condensation					
Parallel Operation	Yes. Up to 6 units					
Noise	< 52dBA		< 56dBA		< 60dBA	
EPO	Yes					
Net Weight (kg) w/o batteries	84	86	130	132	200	210
Dimensions (WxDxH)	440 x 860 x 1390 mm				600 x 827 x 1345 mm	
<b>CERTIFICATES</b>						
Quality	ISO 9001 - ISO 14001					
Mark	CE					
Standards	LVD: EN62040-1 / EMC requirements: EN62040-2					

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