

# Power

## Tri Power X33 TE

3-Phase UPS 10 to 60kVA



- 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)
- Standards: Double Input and Parallel Card
- 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 60kVA



Technical Data					
Model	TE 10	TE 20	TE 30	TE 40	TE 60
Power (kVA)	10	20	30	40	60
<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
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)				
Internal Batteries	yes				no
Charging Current	3,5A	7A	10A	13A	20A
<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	Up to 6 units (Parallel Card Standard)				
Noise	< 52dBA		< 55dBA		< 60dBA
EPO	Yes				
Net Weight (kg) w/o batteries	84	86	130	132	194 (w/o wheel) 200 (wheel type)
Dimensions (WxDxH)	440 x 840 x 1400 mm				w/o wheel: 600 x 827 x 1253mm with wheel: 600 x 827 x 1345 mm
<b>CERTIFICATES</b>					
Quality	ISO 9001 - ISO 14001				
Mark	CE				
Standards	LVD: EN62040-1 / EMC requirements: EN62040-2				

For contact information visit [www.alpha-technologies.com](http://www.alpha-technologies.com)

The Alpha Group >	North America	Europe, Middle East & Africa		Asia Pacific	Latin & South America
USA Tel: +1 360 647 2360 Fax: +1 360 671 4936	Cyprus Tel: +357 25 375 675 Fax: +357 52 359 595	Germany Tel: +49 9122 79889 0 Fax: +49 9122 79889 21	Baltics Tel: +370 655 299 62	P.R. China Tel: +852 2736 8663 Fax: +852 2199 7988	Contact USA office
Canada Tel: +1 604 436 5900 Fax: +1 604 436 1233	Russia Tel: +370 655 299 62	United Kingdom Tel: +44 1279 501110 Fax: +44 1279 659870	Turkey Tel: +90 216 370 23 28 Fax: +90 216 370 23 68		

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