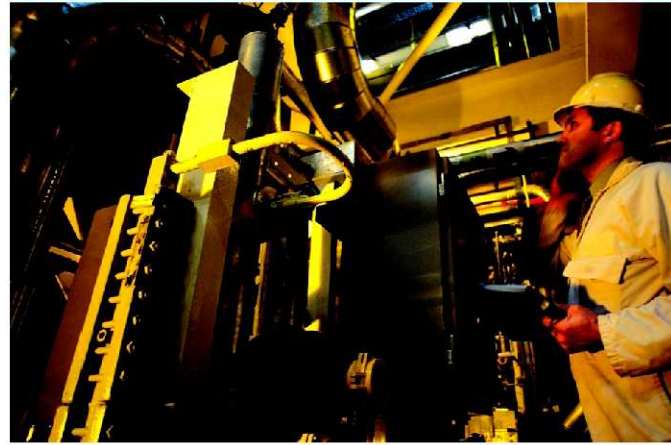


**ONLINE UPS  
100-500KVA(3:3)**



**TRP50000 SERIES**

**Application**

**Industry  
IT/ITES/Server**

**FEATURES**

- Input stage with IGBT technology
- Galvanic Separation
- High overload capacity
- LCD Display
- Less than 3% input current distortion
- Input power factor 0.99
- Power walk-in function that ensures a progressive start-up of the rectifier
- Start-up delay function, to restart the rectifiers when mains power is restored
- High output
- Compact size: only 0.85 m<sup>2</sup> a for 250kVA UPS
- Light weight
- Double load protection, both electronic and galvanic, for the battery.

# TECHNICAL SPECIFICATIONS

MODELS	TRP50100	TRP50120	TRP50160	TRP50200	TRP50250	TRP50300	TRP50400	TRP50500
<b>Capacity</b>	<b>100</b>	<b>120</b>	<b>160</b>	<b>200</b>	<b>250</b>	<b>300</b>	<b>400</b>	<b>500</b>
<b>Input</b>								
Nominal voltage	380 - 400 - 415 Vac Three-phase							
Frequency	45 - 65 Hz							
Power factor	> 0.99							
Harmonic current	<3% THDi							
soft start	0-100% in 30" (selectable)							
Frequency tolerance	± 2% (selectable from ± 1% to ± 5% from front panel)							
Standard equipment provided standard	Back Feed protection; separable bypass line							
<b>Batteries</b>								
Type	open lead acid and VRLA AGM / GEL; NiCd.							
Ripple current	Zero							
charge voltage	-0.5 Vx°C							
<b>output</b>								
Nominal power (kVA)	100	120	160	200	250	300	400	500
Active power (kW)	90	108	144	180	225	270	360	450
Number of phases	3 + N							
Nominal voltage	380 - 400 - 415 Vac Three-phase + N							
static stability	± 1%							
Dynamic stability	± 5% in 10 ms							
voltage distortion	< 1% with linear load / < 3% with non-linear load							
crest factor	3:01							
Frequency stability on	0.05%							
Frequency	50 or 60 Hz (selectable)							
overload	110% for 60 min; 125% for 10 min; 150% for 1min							
Weight (kg)	656	700	800	910	1000	1400	1700	2100
Dimensions (hwd) (mm)	1900 x 800 x 850		1900 x 1000 x 850			1900 x 1500 x 1000		1900 x 2100 x 1000
Remote signals	voltage-free contacts (configurable)							
Remote controls	ESD and bypass (configurable)							
communication	Double RS232 + remote contacts + 2 slots for communications interface							
Ambient temperature	0°C / +40°C							
Relative humidity	< 95% non-condensing							
colour	Dark grey RAL 7016							
noise level (1 m)	63-68 dBA					70-72 dBA		70 dBA
Protection level	IP20 (others upon request)							
smart active output	up to 98,5%							
Regulations	Safety: EN 62040-1-1 (directive 2006/95/EC); EMC: EN 62040-2 (directive 2004/108/EC)							
classification according to IEC 62040-3	(Voltage Frequency Independent) VFI - SS - 111							

- All specifications are subject to change without prior notice.
- Custom-made specifications are acceptable.