

Tescom®

3 phase in / 1 phase out (6kVA - 30kVA)

200 SERIES

Uninterruptible Power Supplies

Tescom 200 series are,
True online, Double
conversion UPS
Systems, manufactured
with the state of the art,
PWM and IGBT
technology, producing
microprocessor
controlled pure sinewave
output to critical loads.



General Specifications

- Output isolation transformer
- Up to 91% efficiency
- Static by-pass
- LCD front panel
- 64 events memory
- RS232 and relay contacts
- Custom input and output voltage ranges
- SNMP compatible communication
- T-MON remote monitoring software
- Parallel operation up to 4 devices
- 2 years warranty
- 10 years spare parts support
- Manufactured according to EC Directive; EN62040

Reliable Power

Technical Specifications

MODEL	206	207	210	215XA	220XA	230XA
Power (kVA)	6	7,5	10	15	20	30
INPUT						
Voltage	220-230/380-400 VAC 3 phase + N, ±15%					
By-pass voltage	220-230 VAC, ± 1%					
Current	3x12A	3x15A	3x20A	3x30A	3x40A	3x60A
Input Frequency	50 Hz (60Hz on request), ± 5%					
OUTPUT						
Power (kW)	4,2	5,25	7	10,5	14	21
Power factor	0,7					
Voltage	220-230 VAC, ± 1%					
Frequency	50 Hz (60Hz on request)					
Frequency tolerance	±2% (line synchronized)					
	±0,2% (free running)					
Efficiency at 100% load	Up to 90%					
Crest Factor	3:1					
Overload protection	100% - 125% load: 10 min.					
	125% - 150% load: 1 min.					
	>150% load: by pass					
Short circuit protection	Electronic short circuit protection					
Total harmonic distortion (THD)	<3%					
Communication	Dry contacts & RS232					
BATTERIES						
Type	Sealed Lead Acid - Maintenance Free					
Number of Batteries	20			30		
Float Charging Voltage	270 VDC			405 VDC		
End of discharge voltage	200 VDC			300 VDC		
Battery cabinet	Internal					
Battery ambient temperature °C	25 °C					
Battery protection	Automatic circuit breaker					
Battery test	Optional			Automatic every 72 hrs		
GENERAL						
Regulations	EN62040-2					
Maintenance Bypass Switch	OPTIONAL			Standard		
Software	T-Mon UPS Management Software (3 client, +1 server management std.)					
Temperature range	0 °C - 40 °C					
Relative humidity (non condensed)	90% max.					
Protection degree	IP20					
Altitude	<1000 m above sea level					
Acoustic noise	<50dBA			<55dBA		
Weight without Batteries (kg)	106	110	125	130	195	217
Dimensions (mm) WxDxH	265x770x950			500x650x1220		
OPTIONS						
Input transformer	Galvanic isolation transformer at the input					
Adaptors	SNMP, MODBUS, Remote Mon. Panel, RS485					
Parallel operation	N+1 (up to 4 units)					