

**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,  
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



**ISO 9001 : 2008**

**Pooya Tosee Afzar Co.**

# *Reliable Power*



## Technical Specifications

MODEL	206	207	210	215XA	220XA	230XA
Power (kVA)	6	7.5	10	15	20	30
<b>INPUT</b>						
Voltage	220-230/380-400 VAC 3 phase + N, +/- 15%					
By-pass voltage	220-230 VAC, +/- 10%					
Current	3x12A	3x15A	3x20A	3x30A	3x40A	3x60A
Input frequency	50 Hz (60Hz on request), +/- 5%					
<b>OUTPUT</b>						
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					
<b>BATTERIES</b>						
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		
<b>GENERAL</b>						
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 humidty (non condensed)	90% max.					
Protection degree	IP20					
Altitude	< 1000 m above sea level					
Acoustic noise	< 50 dBA			< 55 dBA		
Weight without Batteries (kg)	106	110	125	130	195	217
Dimensions (mm) HxWxD	950x265x770			1220x500x650		
<b>OPTIONS</b>						
Input transformer	Galvanic isolation transformer at the input					
Adaptors	SNMP, MODBUS, Remote Mon.Panel, RS485					
Parallel operation	N+1 (up to 4 units)					

## Pooya Tosee Afzar

- Electrical and Electronic Systems (UPS, Inverter, Stabilizer, Charger, Battery)
- SEC Exclusive representative in Iran

Tel : +9821 - 88 3434 00 , 88 3232 71

Tel : +9821 - 88 3456 00 -03

Fax : +9821- 88 3456 04

E-mail: info@pta-co.com

Http: //www.pta-co.com

