

Tescom®

Uninterruptible Power Supplies



200 Series

MODEL	206	207	210	215	220	230
Power (kVA)	6	7.5	10	15	20	30
INPUT						
Voltage	230/400 Vac 3 phase + N, +/- 15%					
Bypass Voltage	230 Vac, +/- 10%					
Current	3x12A	3x15A	3x20A	3x30A	3x40A	3x60A
Input frequency	50 Hz (60Hz on request), +/- 5%					
EMI	EN50091-2 Class A.					
OUTPUT						
Power (kW)	4.2	5.25	7	10.5	14	21
Power factor	0.7					
Voltage	230 Vac, +/- 1%					
Frequency	50 Hz (60Hz on request)					
Frequency tolerance	+/- 2% (line synchronized) +/- 0.2% (free running)					
Efficiency at 100% load	86-90%					
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 Charge 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						
Software	T-Mon UPS Management Software					
Temperature range	0 C - 40 C					
Relative humidity (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	190	200	230
Dimensions (mm) HxWxD	950x265x740			1225x505x650		
OPTIONS						
Input transformer	Galvanic isolation transformer at the input					
Input THD *	<10% (with 18 Pulse Rectifier) Except 206 & 207 <5% (with 18 Pulse rectifier, + filter) Except 206 & 207					
Input Power Factor *	0.95 - 0.98 (with 18 Pulse rectifier)					
MBS	Maintenance by-pass switch for complete isolation (For 206,207 & 210)					
Parallel operation	N+1 Systems (hot standby, redundant, symmetric parallel)					
(*):	In some 18Pulse applications, the standard chassis dimensions may change.					

Accessories

Net Agent II :	SNMP (int. card or ext. with adapter)	MD-1 :	Modbus over RS485 interface
RM2000 :	Remote monitoring panel	MD-NET :	Modbus over TCP interface
ML-100 :	Communication port multiplier	RSC-24 :	RS232/RS485 converter
US-4 and US-8 :	Multiple server shut-down unit		



Factory,
10009 Sok. No:1 Ulukent San. Sit.
Menemen - İZMİR / TÜRKİYE
Tel: +90.232.833 36 00
Fax: +90.232.833 37 87



www.tumel.com.tr

info@tumel.com.tr