

# Tescom®

## Uninterruptible Power Supplies



### 300 Series

MODEL	310	315	320	330	340	360	380
Power (kVA)	10	15	20	30	40	60	80
<b>INPUT</b>							
Voltage	230/400 Vac 3 phase + N, +/- 15%						
By-pass Voltage	230/400 Vac 3 phase, +/- 10%						
Input frequency	50 Hz (60Hz on request), +/- 5%						
Max RFI	EN50091-2 Class A						
<b>OUTPUT</b>							
Power (kW)	8	12	16	24	32	48	64
Power factor	0,8						
Voltage	230/400 Vac 3 phase + N						
Voltage Stability	(balanced load: +/-1%) (unbalanced load: +/-2%) (step load: +/-5%)						
Voltage recovery time	After step load: Max. 25ms.						
Frequency	50Hz (60Hz on request)						
Frequency tolerance	(line synchronized: +/-2%) (free running: +/-0,2%)						
Efficiency at 100% load	89-91%			90-92%			
Crest factor	3:1						
Overload protection	(100%-125% load: 10min) (125%-150% load: 1min) (>150% load: by pass)						
Short circuit protection	Electronic short circuit protection						
Total harmonic distortion (THD)	Linear Load: < 3% Non Linear Load: < 5%						
<b>BATTERIES</b>							
Type	Sealed Lead Acid - Maintenance Free						
Number of Batteries	30						
Float Charging voltage	405 VDC						
End of discharge voltage	300 VDC						
Ambient temperature °C	25 C						
Battery protection	Automatic circuit breaker						
Battery test	Automatic evert 72 hours						
<b>GENERAL</b>							
Serial communication	Dry contacts & RS232						
Software	T-Mon UPS Management Software						
Temperature range	0 C - 40 C						
Ventilation	Forced air cooling						
Relative humidty	< 90% (non condensed)						
Protection deegree	IP20						
Altitude	< 1000m. Above sea level						
Acoustic noise	< 56dBA			< 60dBA			
Weight w/o Batteries (kg)	235	250	266	322	484	562	620
Dimensions (mm) HxWxD	1145x485x675			1400x570x820			1400x710x800
<b>OPTIONS</b>							
Input transformer :	Galvanic isolation transformer at the input (in external cabinet)						
Input THD :	10% (with 12 Pulse or 18 Pulse Rectifier, according to UPS range) 5% (with 18 Pulse rectifier, + filter), up to 80kVA						
Input Power Factor :	0.95 - 0.98 (with 18 Pulse rectifier)						
Parallel operation :	N+1 Systems (hot standby, redundant, symetric parallel)						
(*):	In 18Pulse & 12Pulse applications, the standard chassis dimensions may change.						

### Accessories

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



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