



300 Series

MODEL	3100	3120	3160	3200	3250	3300
Power (kVA)	100	120	160	200	250	300
INPUT						
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					
OUTPUT						
Power (kW)	80	96	128	160	200	240
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	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%					
BATTERIES						
Type	Sealed Lead Acid - Maintenance Free					
Number of Batteries	30			32		
Float Charging voltage	405 VDC			432 VDC		
End of discharge voltage	300 VDC			320 VDC		
Ambient temperature °C	25 C					
Battery protection	Automatic circuit breaker					
Battery test	Automatic evert 72 hours					
GENERAL						
Serial communication	Dry contacts & RS232					
Software	T-Mon UPS Management Software					
Temperature range	0 C - 40 C					
Ventilation	Forced air cooling					
Relative humidity	< 90% (non condensed)					
Protection degree	IP20					
Altitude	< 1000m. Above sea level					
Acoustic noise	< 65dBA			< 70dBA		
Weight w/o Batteries (kg)	770	810	960	1150	1285	1416
Dimensions (mm) HxWxD	1650x1100x800		1730x1195x870		1880x1565x925	
OPTIONS						
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.					

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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		



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