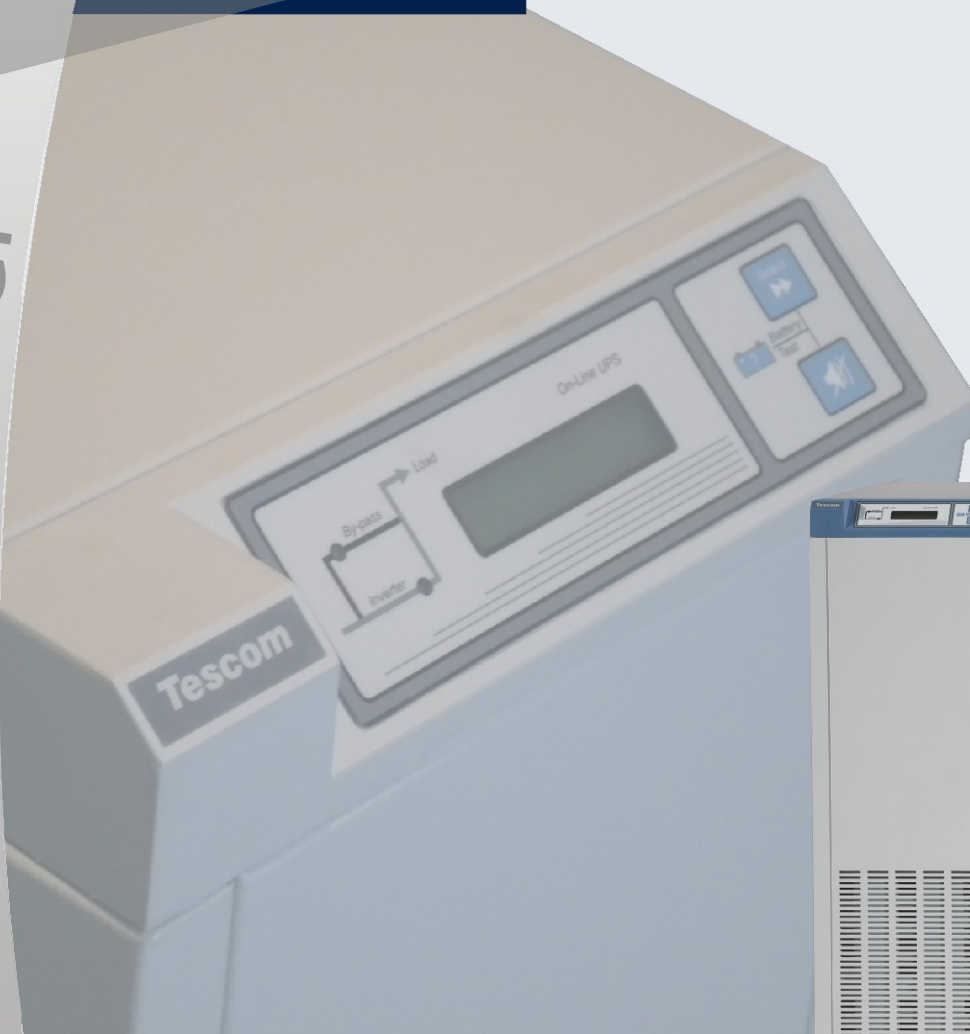


Tescom®

Uninterruptible Power Supplies

100 SERIES

secure power



1 Phase Input / 1 Phase Output
(2kVA - 15kVA)

Tescom 100 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.

Features:

- Galvanic isolation transformer at the inverter output.
- Efficiency up to 91%.
- Static by-pass.
- LCD panel providing detailed information.
- 64 recorded event history.
- RS232 and dry contacts for communication and remote monitoring.
- Input/Output customization, possible.
- Compatible with international standards.
- 5 year full warranty.
- Supply of spare parts guaranteed for 10 years.
- Designed and manufactured under TUV-ISO9001 certification.

5 Year Warranty
Including Parts and Labour*

*Terms and conditions apply

MODEL	105	106	107	110	115
Power (kVA)	5	6	7,5	10	15
INPUT					
Voltage	230 Vac, +/- 15%				
By-pass Voltage	230 Vac, +/- 10%				
Current	30A	35A	44A	58A	87A
Input frequency	50 Hz (60Hz on request), +/- 5%				
EMI	EN50091-2 Class A				
OUTPUT					
Power (kW)	3,5	4,2	5,25	7	10,5
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	85-87%	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	16	20			
Float Charging voltage	216 VDC	270 VDC			
End of discharge voltage	160 VDC	200 VDC			
Battery cabinet	Internal				External
Battery ambient temperature	25 °C				
Battery protection	Automatic circuit breaker				
Battery test	Optional				
GENERAL					
Software	T-mon UPS Management Software				
Temperature range	0 C - 40 C				
Relative humidity	90% max. (non condensed)				
Protection degree	IP20				
Altitude	< 1000m above sea level				
Acoustic noise	< 50dBA				< 55 dBA
Weight without Batteries (kg)	60	74	77	91	112
Dimensions (mm) HxWxD	585x265x600	710x265x740			
OPTIONS					
Input transformer	Galvanic isolation transformer at the input				
PFC	Input Power Factor Corrected to >=0,98				
MBS	Maintenance by-pass switch for complete isolation				
Parallel operation	N+1 Systems (hot standby, redundant, symetric parallel)				

ACCESSORIES

Net Agent II : SNMP (int. card or ext. with adapter)
 Rm2000 : Remote monitoring panel
 ML-100 : Communication port multiplier
 US-4 and US-8 : Multiple server shut-down unit

MD-1 : Modbus over RS485 interface
 MD-NET : Modbus over TCP interface
 RSC-24 : RS232/RS485 converter



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All products are manufactured
 to the following standards:

