

MODEL	DS310T	DS315T	DS320T	DS330T	DS340T	DS360T	DS380T	DS3100T	DS3120T	DS3160T	DS3200T	DS3250T	DS3300T	DS3400T	DS3500T	DS3600T
Power (Kva)	10	15	20	30	40	60	80	100	120	160	200	250	300	400	500	600
INPUT																
Voltage	380/400 VAC 3P + N+G + 20%(415VAC +15%,-25%optional)															
Frequency	50Hz/60Hz ±5%															
Power factor	>0.99															
[THDI](*)	3%															
By-pass voltage	380 / 400 VAC 3 Phase + N, 4 Wires, ± 10%															
Voltage distortion	<10%															
Protection	Fuses, Voltage & Frequency tolerance, Input power limit, Phase sequence indicator															
OUTPUT																
Power(KW)	9	13,5	18	27	36	54	72	90	108	144	180	225	270	360	450	540
Power Factor	0,9															
Voltage	380/400 VAC 3P + N, ± %1 (415 VAC optional)															
Frequency	50Hz/60Hz															
Frequency tolerance	Line synchronized: 12 % / Free running :+ 0,1%															
Efficiency	up to 93%															
Crest Factor	3:1															
Overload protection	100% -125% load: 10 min, 125% -150% load 1 min, -> 150% load: by pass															
Other protections	Advanced short circuit, Voltage tolerance, DC balance, Regenerative load, Current limiting															
Voltage THD	< 3% (at 100% linear load)															
BATTERIES																
Type	VRLAAGM/GEL/NiCd															
Nominal voltage	± 312 VDC (2x26 batts)															
Float /End of discharge voltage	±351VDC/±260VDC															
Battery cabinet	External															
Battery ambient temperature	25°C															
Protections	3 level alarms, Battery fuses, charging current limit, Temperature compensation(optional)															
Automatic testing	Standard every 72 hours (adjustable)															
GENERAL																
Standards	EN62040-1, EN62040-2, EN62040-3															
User interface	4 lines LCD panel, Mimic leds, 5 vector buttons, Buzzer, Optional TFT panel															
Indicators	P-N voltage P-P voltage, Current, Power, Crest factor, Frequency, PF, Service Time															
Advanced	Self diagnostics, 3 maintenance time indicators, Calibration over RS232, operating hour meter															
Communication	2xRS232 serial ports, 4 standard and 8 optional DRY contact alarm relays															
Inputs	EPO Input, interactive battery panel Input, Genset input															
Genset kit	Standard (programmable)															
Software	Standard T-Mon UPS Management Software (3 clients+1 server management)															
Alarm logging	Standard: with time & date 512 events															
Protections	Power module over- temperature, Over current, Temperature high alarm															
Temperature range	0°C -40°C															
Protection degree	IP20															
Relative humidity	90% max. (non-condensing)															
Altitude	< 1000m above sea level															
Acoustic noise	<57dBA		< 62dBA			< 64dBA		< 68dBA			<72dBA					
Weight (kg)	187	198,5	244	270	393	457	536	539	595	647	910,5	1150	1283	1497	1702	1875
Dimensions (mm) HxWxD	1040x400x815				1440X515X855		1770X825X855				1900X1250X1055					
OPTIONS																
Different input/output voltage	Please ask															
Software	T- Mon admin Multi UPS Monitoring 10-50-100-200 Clients.T-Mon Server 50-100-200 clients															
Adaptors	SNMP, RS485, Remote monitoring panel, MODBUS(RS485or(TCP/IP), USB Alarm logger, TCP/IP, GSM/GPRS Modem, Com port multiplexer															
Parallel Operation	UP to 8															