

MODELS	MST 30 ^{BAT}	MST 40 ^{BAT}	MST 60	MST 80	MST 100	MST 125	MST 160	MST 200
INPUT								
Rated voltage [V]	380 / 400 / 415 three-phase + N							
Rated frequency [Hz]	50 / 60							
Voltage tolerance [V]	400 ±20% @ full load ¹							
Frequency tolerance [Hz]	40 - 72							
Power factor @ full load	0.99							
Current distortion	THDI ≤3%						THDI ≤2.5%	
BYPASS								
Rated voltage [V]	380 / 400 / 415 three-phase + N							
Number of phases	3 + N							
Voltage tolerance (Ph-N) [V]	180 / 264 (selectable)							
Rated frequency [Hz]	50 or 60 (selectable)							
Frequency tolerance	±5% (selectable)							
Bypass overload	125% for 60 min., 150% for 10 min.							
OUTPUT								
Nominal power [kVA]	30	40	60	80	100	125	160	200
Active power [kW]	27	36	54	72	90	112.5	160	200
Power factor	0.9						1	
Number of phases	3 + N							
Rated voltage [V]	380 / 400 / 415 three-phase + N (selectable)							
Static variation	±1%							
Dynamic variation	±3%							
Crest factor [I _{peak} /I _{rms}]	3:1							
Voltage distortion	≤1% with linear load / ≤3% with non-linear load							
Frequency [Hz]	50 / 60							
Frequency stability during battery operation	0.01%							
BATTERIES								
Type	VRLA AGM/GEL/NiCd/Li-ion/Supercaps							
Recharge time	6 h							
OVERALL SPECIFICATIONS								
Weight without batteries [kg]	135	145	190	200	220	250	450	460
Dimensions (WxDxH) [mm]	440x823x1320		500x830x1600			650x830 x1600	840x1035x1900	
Communications	3 slots for communications interface / USB / RS232							
Ambient temperature for the UPS	0 °C - +40 °C							
Recommended temperature for battery life	+20 °C - +25 °C							
Range of relative humidity	5-95% non-condensing							
Colour	Dark grey RAL 7016							
Noise level at 1 m [dBA±2] (SMART ACTIVE)	<40		<63				<50	
IP rating	IP20							
SMART ACTIVE efficiency	up to 99%							
Standards	European directives: L V 2014/35/EU low voltage Directive EMC 2014/30/EU electromagnetic compatibility Directive Standards: Safety IEC EN 62040-1; EMC IEC EN 62040-2; RoHS compliant Classification in accordance with IEC 62040-3 (Voltage frequency Independent) VFI - SS - 111							
Moving the UPS	castors (30 - 200 kVA)							

¹ For wider tolerance conditions apply.

^{BAT} Also available with internal batteries.

