

MODELS	STW 5000	STW 6000	STW 6000 ER	STW 8000	STW 10000	STW 10000 ER
INPUT						
Nominal voltage	220-230-240 Vac			380 - 400 - 415 Vac (3W+N+PE) 220 - 230 - 240 Vac (1W+N+PE)		
Voltage tolerance	230 Vac \pm 20%			400 Vac \pm 20% / 230 Vac \pm 20%		
Minimum voltage	184 Vac			318 Vac / 184 Vac		
Maximum operating voltage	276 Vac			478 Vac / 276 Vac		
Nominal frequency	50/60 Hz \pm 5Hz					
Power factor	> 0.98					
Current distortion	\leq 2%*					
BYPASS						
Voltage tolerance	180 - 264 Vac (selectable in Eco Mode or Smart Active Mode)					
Frequency tolerance	Selected frequency \pm 5% (selectable by user)					
Overload Times	< 110% continuous, 130% for 1 hour, 150% for 10 minutes, over 150% for 3 seconds					
OUTPUT						
Nominal power (VA)	5000	6000	6000	8000	10000	10000
Active power (W)	5000	6000	6000	8000	10000	10000
Nominal voltage	220-230-240 Vac selectable					
Voltage distortion	< 1% with linear load / < 3% with non-linear load					
Frequency	50/60 Hz selectable					
Static variation	1.5%					
Dynamic variation	\leq 5% in 20 ms					
Waveform	Sinusoidal					
Crest factor	3 : 1					
BATTERIES						
Type	VRLA AGM maintenance-free lead based					
Recharge time	4-6 hours					
OTHER FEATURES						
Net weight (kg)	62	63	25	78	84	28
Gross weight (kg)	68	69	31	84	90	34
Dimensions (WxDxH) (mm)	250 x 698 x 500					
Packaged dimensions (WxDxH) (mm)	300 x 800 x 702					
Efficiency	up to 95% on line mode, 98% eco mode					
Protections	Overcurrent - short-circuit - overvoltage - undervoltage - temperature - excessive low battery					
Parallel Operation	Optional Parallel Card					
Communications	USB / RS232 / slot for communications interface / REPO + Input contact					
Input Connection	Terminal block					
Output sockets	Terminal block + 2 IEC 320 C13					
Standards	EN 62040-1 EMC EN 62040-2 Directives 2014/35/EU - 2014/30/EU EN 62040-3					
Operating temperature	0 °C / +40 °C					
Relative humidity	5-95% non-condensing					
Colour	Black RAL 9005					
Noise level at 1 m (ECO Mode)	< 48 dBA					
Standard equipment provided	USB cable					
Moving the UPS	castors					

* for single phase input