



Steca Xtender XTM

1500-12, 2000-12, 2400-24, 3500-24, 2600-48, 4000-48

	XTM 1500-12	XTM 2000-12	XTM 2400-24	XTM 3500-24	XTM 2600-48	XTM 4000-48
Characterisation of the operating performance						
System voltage	12 V	12 V	24 V	24 V	48 V	48 V
Continuous power	1,500 VA	2,000 VA	2,000 VA	3,000 VA	2,000 VA	3,500 VA
Power 30 min.	1,500 VA	2,000 VA	2,400 VA	3,500 VA	2,600 VA	4,000 VA
Power 5 sec.	3.4 kVA	4.8 kVA	6 kVA	9 kVA	6.5 kVA	10.5 kVA
Max. efficiency	93 %	93 %	94 %	94 %	96 %	96 %
Max. power	up to short-circuit					
Max. asymmetric load	1,500 VA	2,000 VA	2,000 VA	3,000 VA	2,000 VA	3,500 VA
Recommended battery capacity	$> 5 \times P_{nom} / U_{nom}$ (Ah)					
Own consumption standby / ON	1.4 W / 8 W	1.4 W / 10 W	1.6 W / 9 W	1.6 W / 12 W	2 W / 10 W	2.1 W / 14 W
Power Factor Correction (PFC)	according EN 61000-3-2					
Acoustic level	< 40 dB / < 45 dB (without / with ventilation)					
AC input side						
Input voltage	265 V AC (adjustable: 150 V AC ... 265 V AC)					
Charging current adjustable	0 A ... 70 A	0 A ... 100 A	0 A ... 55 A	0 A ... 90 A	0 A ... 30 A	0 A ... 50 A
Max. current on transfer system	50 A					
Switching time transfer relay	< 15 ms					
Input frequency	45 Hz ... 65 Hz					
DC output side						
Battery voltage	9.5 V ... 17 V	9.5 V ... 17 V	19 V ... 34 V	19 V ... 34 V	38 V ... 68 V	38 V ... 68 V
Absorption end	by duration 2 h / 0.25 h ... 10 h or by current - / 4 A ... 30 A					
Absorption voltage	14.4 V / 9.5 V ... 17 V		28.8 V / 19 V ... 34 V		57.6 V / 38 V ... 68 V	
Periodic absorption voltage	- / 9.5 V ... 17 V		- / 19 V ... 34 V		- / 38 V ... 68 V	
Floating voltage	13.6 V / 9.5 V ... 17 V		27.2 V / 19 V ... 34 V		54.4 V / 38 V ... 68 V	
Reduced floating voltage	- / 9.5 V ... 17 V		- / 19 V ... 34 V		- / 38 V ... 68 V	
Equalization	by number of cycles (- / 1 ... 100) or at set interval (- / 52 weeks)					
Equalization end	by duration 4 h / 0.25 h ... 10 h or by current - / 4 A ... 30 A					
Equalization voltage	- / 9.5 V ... 17 V		- / 19 V ... 34 V		- / 38 V ... 68 V	
Deep discharge protection (LVD)	10.8 V / 9.5 V ... 17 V		21.6 V / 19 V ... 34 V		43.2 V / 38 V ... 68 V	
Reduced floating time	- / 0 ... 32 days					
Periodic absorption time	- / 0 ... 10 hours					
Temperature compensation (optional BTS-01)	-5 mV / 0 mV ... -8 mV / °C / Cell (only with option BTS-01)					
AC output side						
Output voltage	230 V AC +/-2 % / 190 V AC ... 245 V AC (true sine wave)					
Output frequency	50 Hz, adjustable: 45 Hz ... 65 Hz +/-0.05 % (crystal controlled)					
Cosphi	0.1 ... 1					
Total harmonic distortion	< 2 %					
Load detection (standby)	2 W ... 25 W					
Operating conditions						
Ambient temperature	-20 °C ... +55 °C					
Fitting and construction						
Power Smart-Boost	1,500 VA	2,000 VA	2,400 VA	3,500 VA	2,600 VA	4,000 VA
Input current balance adjustment	1 A ... 50 A					
Multifunction contact adjustable	2 independent contacts 16 A / 250 V AC (potential free change-over contacts)					
Degree of protection	IP 20					
Dimensions (X x Y x Z)	323 x 463 x 130 mm					
Weight	15 kg	18.5 kg	16.2 kg	21.2 kg	16.2 kg	22.9 kg
Cooling principle	fan from 55 °C					
Dynamic behaviour	0.5 ms (load change 0 % ... 100 %)					
Overload and short circuit protection	automatic disconnection with 3 times restart attempt					
Reverse polarity protection	by internal fuse					
Acoustic alarm	before deep discharge or overheating					
Overtemperature protection	warning before shut-off - with automatic restart					
Options	Type with 115 V / 60 Hz (except Steca Xtender XTH 8000-48), temperature sensor BTS-01					
EC conformity	EN 61000-6-1, EN 61000-6-3, EN 55014, EN 55022, EN 61000-3-2, Dir. 89/336/EEC, LVD 73/23/EEC					
Warranty	2 years					
Parallel connection possible	3 x 1 phase and three-phase					

Technical data at 25 °C / 77 °F