

Xtender series



Model	XTM 2000-12	XTH 3000-12	XTM 3500-24	XTH 5000-24	XTM 4000-48	XTH 6000-48	XTH 8000-48
Inverter (factory setting/range adjustable with RCC-02 or RCC-03)							
Nominal battery voltage	12V		24V		48V		
Input voltage range	9.5 - 17V		19 - 34V		38 - 68V		
Continuous power @ 25°C	2000VA	2500VA	3000VA	4500VA	3500VA	5000VA	7000VA
Power 30 min. @ 25°C	2000VA	3000VA	3500VA	5000VA	4000VA	6000VA	8000VA
Power 5 sec. @ 25°C	4.8kVA	7.5kVA	9kVA	12kVA	10.5kVA	15kVA	21kVA
Power Smart-Boost 30 min. @ 25°C	2000VA	3000VA	3500VA	5000VA	4000VA	6000VA	8000VA
Maximum load	Up to short-circuit						
Maximum asymmetric load	Up to Pcont.						
Load detection (stand-by)	2 to 25 W						
Cos phi	0.1-1						
Maximum efficiency	93%		94%		96%		96%
Consumption OFF/Stand-by/ON	1.2W/2.2W/9W	1.7W/2.2W/14W	1.3W/2.5W/11W	1.3W/2.5W/20W	1.6W/3W/12W	1.6W/3W/22W	1.6W/3.8W/30W
Output voltage	Sine wave 230Vac (+/- 2%) / 190-245Vac						
Output frequency	50 Hz adjustable 45-65Hz +/- 0.05% (crystal controlled)						
Harmonic distortion	<2%						
Dynamic behaviour	1 ms (on load change 0 to 100%)						
Overload and short-circuit protection	Automatic disconnection with 3 time restart attempt						
Overheat protection	Warning before shut-off - with automatic restart						
Battery charger 6 step adjustable : I-U-Uo-Equalize-Uo(low)-U(periodic)							
Charging current adjustable	0 - 100A	0 - 160A	0 - 90A	0 - 140A	0 - 50A	0 - 100A	0 - 120A
Input current balance adjustment	1 - 50A						
Maximum input voltage	265Vac						
Input AC voltage range	Adjustable threshold from 150 to 230Vac						
Input frequency	45 - 65Hz						
Power Factor Correction (PFC)	EN 61000-3-2						
Battery control (factory setting/range adjustable with RCC-02 or RCC-03)							
Absorption end	By duration 2 / 0.25 - 10h or by current - / 4 - 30A						
Absorption voltage	14.4 / 9.5 - 17V		28.8 / 19 - 34V		57.6 / 38 - 68V		
Periodic absorption voltage	- / 9.5 - 17V		- / 19 - 34V		- / 38 - 68V		
Floating voltage	13.6 / 9.5 - 17V		27.2 / 19 - 34V		54.4 / 38 - 68V		
Reduced floating voltage	- / 9.5 - 17V		- / 19 - 34V		- / 38 - 68V		
Equalization	By number of cycles (- / 1 - 100) or at set interval (- / 52 weeks)						
Equalization end	By duration 4 / 0.25 - 10h or by current - / 4 - 30A						
Equalization voltage	- / 9.5 - 17V		- / 19 - 34V		- / 38 - 68V		
Deep-discharge protection	10.8 / 9.5 - 17V		21.6 / 19 - 34V		43.2 / 38 - 68V		
Reduced floating time	- / 0 - 32 days						
Periodic absorption time	- / 0 - 10 hours						
Temperature compensation	-5 / 0 to -8mV/°C/Cell (only with optional BTS-01)						
General data	XTM 2000-12	XTH 3000-12	XTM 3500-24	XTH 5000-24	XTM 4000-48	XTH 6000-48	XTH 8000-48
Multifunction contact adjustable	2 independent contacts 16A 250Vac (potential free 3 points)						
Max. current on transfer relay	50A / 11.5kVA						
Transfer time	<15ms						
Weight	18.5kg	34kg	21.2kg	40kg	22.9kg	42kg	46kg
Dimension hxlxL [mm]	133x322x466	230x300x500	133x322x466	230x300x500	133x322x466	230x300x500	
Protection index	IP23						
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						
Operating temperature range	-20 to 55°C						
Ventilation	Forced from 55°C						
Acoustic level	<40dB / <45dB (without/with ventilation)						
Warranty	2 years						
Options							
Remote control and programming centre RCC-02 or RCC-03	•		•		•		•
Communication cable for 3ph and parallel CAB-RJ45-8-2 (2 m)	•		•		•		•
Battery temp. Sensor BTS-01 (5 m)	•		•		•		•
Remote command module RCM-10 + 3 m cable	•		•		•		

Data may change without any notice.