

Xtender serie



Model	XTH 3000-12	XTH 5000-24	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	38 - 68V
Continuous power @ 25°C	2500VA	4500VA	5000VA	7000VA
Power Smart-Boost	3000VA	5000VA	6000VA	8000VA
Power 30 min. @ 25°C	3000VA	5000VA	6000VA	8000VA
Power 5 sec. @ 25°C	3 x Phom			
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	1.7W/2.2W/14W	1.8W/2.5W/20W	2.2W/3W/22W	2.2W/3.8W/34W
Output voltage	Sine wave 230Vac (+0/- 10%) / 190-245Vac			
Output frequency	50 Hz adjustable 45-65Hz +/- 0.05% (crystal controlled)			
Harmonic distortion	<2%			
Dynamic behaviour	0.5 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 - 160A	0 - 140A	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 requeryency	45 - 65Hz			
Power Factor Correction (PFC)	EN 61000-3-2			
Detection of short-circuited battery cell	•	•	•	•
Battery control (factory setting/range adjustable with RCC-02 or RCC-03)				
Absorption end	By duration 4 / 0.25 - 10h or by current - / 4 - 30A			
Absorption voltage	14.4 / 9.5 - 18V	28.8 / 19 - 36V	57.6 / 38 - 72V	57.6 / 38 - 72V
Periodic absorption voltage	- / 9.5 - 18V	- / 19 - 36V	- / 38 - 72V	- / 38 - 72V
Floating voltage	13.6 / 9.5 - 18V	27.2 / 19 - 36V	54.4 / 38 - 72V	54.4 / 38 - 72V
Reduced floating voltage	- / 9.5 - 18V	- / 19 - 36V	- / 38 - 72V	- / 38 - 72V
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 - 18V	- / 19 - 36V	- / 38 - 72V	- / 38 - 72V
Deep-discharge protection	10.8 / 9.5 - 18V	21.6 / 19 - 36V	43.2 / 38 - 72V	43.2 / 38 - 72V
Reduced floating time	- / 0 - 32 days			
Periodic absorption time	- / 0 - 10 hours			
Temperature compensation (optional BTS-01)	-5 / 0 to -8mV/°C/Cell			
General data				
Multifunction contact adjustable	2 independent contacts 16A 250Vac (potential free 3 points)			
Max. current on transfer relay	50A / 11.5kVA			
Transfer time	<20ms			
Weight	34kg	40kg	42kg	46kg
Dimension hxxL [mm]	220x290x500			220x310x500
Protection index	IP23			
Conformity	EN 61000-6-1, EN 61000-6-3, EN 55014, EN 55022, EN 55022, EN 61000-3-2, Dir. 89/336/EEC, LVD 73/23/EEC			
Operating temperature range	-20 à 55°C			
Ventilation	Forced from 45°C			
Acoustic level	<10dB / <35dB (without/with ventilation)			
Warranty	2 years			
Options				
Remote control and programmation centre RCC-02 or RCC-03	•	•	•	•
Communication cable for 3ph and parallel CAB-RJ45-2 (2 m)	•	•	•	•
Battery temp. Sensor BTS-01 (3 m)	•	•	•	•