

# Xtender XTM



Model	XTM 1500-12	XTM 2000-12	XTM 2400-24	XTM 2600-48	XTM 3500-24	XTM 4000-48
<b>Inverter</b>						
Nominal battery voltage	12 Vdc		24 Vdc	48 Vdc	24 Vdc	48 Vdc
Input voltage range	9.5 - 17 Vdc		19 - 34 Vdc	38 - 68 Vdc	19 - 34 Vdc	38 - 68 Vdc
Continuous power @ 25°C	1500 VA	2000 VA			3000 VA	3500 VA
Power 30 min. @ 25°C	1500 VA	2000 VA	2400 VA	2600 VA	3500 VA	4000 VA
Power 5 sec. @ 25°C	3.4 kVA	4.8 kVA	6 kVA	6.5 kVA	9 kVA	10.5 kVA
Maximum load	Up to short-circuit					
Asymmetric load	Up to Pcont.					
* Load detection (stand-by)	2 to 25 W					
Cos φ	0.1-1					
Maximum efficiency	93 %		94 %	96 %	94 %	96 %
Consumption OFF/Stand-by/ON	1.2W / 1.4W / 8W	1.2W / 1.4W / 10W	1.4W / 1.6W / 9W	1.8W / 2W / 10W	1.4W / 1.6W / 12W	1.8W / 2.1W / 14W
* Output voltage	Pure sine wave 230 Vac (± 2 %) / 120 Vac <sup>(1)</sup>					
* Output frequency	Adjustable 45 - 60 Hz <sup>(1)</sup> ± 0.05 % (crystal controlled)					
Harmonic distortion	< 2 %					
Overload and short-circuit protection	Automatic disconnection with 3 time restart attempt					
Overheat protection	Warning before shut-off - with automatic restart					
<b>Battery charger</b>						
* Charge Characteristic	6 steps: Bulk, Absorption, Floating, Equalization, reduced floating, periodic absorption Number of steps, thresholds, end current and times completely adjustable with the RCC-02/-03					
* Maximum charging current	70 A	100 A	55 A	30 A	90 A	50 A
* Temperature compensation	With BTS-01 or BSP 500/1200					
Power Factor Correction (PFC)	EN 61000-3-2					
<b>General data</b>						
* Input voltage range	150 to 265 Vac / 50 to 140 Vac <sup>(1)</sup>					
Input frequency	45 to 65 Hz					
Input current max. (transfer relay) / Output current max.	50 Aac / 56 Aac					
Transfer time	<15 ms					
Multifunction contacts	2 independent contacts (potential free 3 points, 16Aac / 5Adc)					
Weight	15 kg	18.5 kg	16.2 kg		21.2 kg	22.9 kg
Dimensions h/w/l [mm]	133 / 322 / 466				133 / 322 / 466	
Protection index	IP20					
EU declaration of conformity	<b>Low Voltage Directive (LVD) 2014/35/EU:</b> -EN 50178:1997, EN 62109-1:2010 <b>Electromagnetic Compliance (EMC) Directive 2014/30/EU:</b> - EN 62040-2:2006, EN 61000-3-2:2014, EN 61000-3-12:2011					
Operating temperature range	-20 to 55°C					
Relative humidity in operation	95 % without condensation					
Ventilation	Forced from 55°C					
Acoustic level	< 40 dB / < 45 dB (without/with ventilation)					
Warranty	5 years					
ISO Certification	9001:2008 / 14001:2004					
<b>Accessories</b>						
Remote control RCC-02 or RCC-03	•	•	•	•	•	•
Module Xcom-232i	•	•	•	•	•	•
Communication sets Xcom-LAN / Xcom-GSM / Xcom-SMS	•	•	•	•	•	•
Battery Status Processor BSP	•	•	•	•	•	•
Remote Control Module RCM-10 (3 m)	•	•	•	•	•	•
2 aux. contacts module ARM-02						
Cooling Module ECF-01						
Battery temp. sensor BTS-01 (3 m)	•	•	•	•	•	•
Communication cable for 3ph and // CAB-RJ45-8-2	•	•	•	•	•	•
Mounting frame X-Connect						

\* Adjustable with the RCC-02/-03

\*\* These features are valid only when using the cooling module ECF-01.

<sup>(1)</sup> With -01 at the end of the reference, means 120V/60Hz. Available for all Xtenders except XTH 8000-48

Data may change without any notice