

# Xtender series



Model	XTS 900-12	XTS 1200-24	XTS 1400-48	XTM 1500-12	XTM 2000-12	XTM 2400-24	XTM 2600-48	XTM 3500-24	XTM 4000-48	XTH 3000-12	XTH 5000-24	XTH 6000-48	XTH 8000-48
<b>Inverter</b>													
Nominal battery voltage	12Vdc	24Vdc	48Vdc	12Vdc		24Vdc	48Vdc	24Vdc	48Vdc	12Vdc	24Vdc	48Vdc	
Input voltage range	9.5 - 17Vdc	19 - 34Vdc	38 - 68Vdc	9.5 - 17Vdc		19 - 34Vdc	38 - 68Vdc	19 - 34Vdc	38 - 68Vdc	9.5 - 17Vdc	19 - 34Vdc	38 - 68Vdc	
Continuous power @ 25°C	650**/500VA	800**/650VA	900**/750VA	1500VA	2000VA	2000VA	2000VA	3000VA	3500VA	2500VA	4500VA	5000VA	7000VA
Power 30 min. @ 25°C	900**/700VA	1200**/1000VA	1400**/1200VA	1500VA	2000VA	2400VA	2600VA	3500VA	4000VA	3000VA	5000VA	6000VA	8000VA
Power 5 sec. @ 25°C	2.3kVA	2.5kVA	2.8kVA	3.4kVA	4.8kVA	6kVA	6.5kVA	9kVA	10.5kVA	7.5kVA	12kVA	15kVA	21kVA
Maximum load	Up to short-circuit												
Maximum asymmetric load	Up to Pcont.												
* Load detection (stand-by)	2 to 25 W												
Cos φ	0.1-1												
Maximum efficiency	93%	93%	93%	93%		94%	96%	94%	96%	93%	94%	96%	
Consumption OFF/Stand-by/ON	1.1W/1.4W/7W	1.2W/1.5W/8W	1.3W/1.6W/8W	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	1.2W/1.4W/14W	1.4W/1.8W/18W	1.8W/2.2W/22W	1.8W/2.4W/30W
* Output voltage	Pure sine wave 230Vac (±2%) / 120Vac <sup>(1)</sup>												
* Output frequency	45Hz - 60Hz <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												
* Maximum charging current	35A	25A	12A	70A	100A	55A	30A	90A	50A	160A	140A	100A	120A
* 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 265Vac / 50 to 140Vac (1)												
Input frequency	45 to 65Hz												
Input current max. (transfer relay) / Output current max.	16Aac/20Aac									50Aac/56Aac			50Aac/80Aac
Transfer time	<15ms												
Multifunction contacts	Module ARM-02 with 2 contacts, in option			2 independent contacts (potential free 3 points, 16Aac/5Aac)									
Weight	8.2 kg	9 kg	9.3 kg	15 kg	18.5 kg	16.2 kg		21.2 kg	22.9 kg	34 kg	40 kg	42 kg	46 kg
Dimension h x w x l [mm]	110x210x310			133x322x466									
Protection index	IP54			IP20									
Conformity	Directive EMC 2004/108/EC: EN 61000-6-1, EN 61000-6-3, EN 55014, EN 55022, EN 61000-3-2, 62040-2 Low voltage directive 2006/95/EC: EN 62040-1-1, EN 50091-2, EN 60950-1												
Operating temperature range	-20 to 55°C												
Relative humidity in operation	100%			95% without condensation									
Ventilation	Optional cooling module ECF-01			Forced from 55°C									
Acoustic level	<40dB / <45dB (without/with ventilation)												
Warranty	5 years												
<b>Accessoires</b>													
Remote control RCC-02 or RCC-03	•	•	•	•	•	•	•	•	•	•	•	•	•
Module XCOM-232i	•	•	•	•	•	•	•	•	•	•	•	•	•
Internet based communication sets Xcom-LAN, Xcom-GSM	•	•	•	•	•	•	•	•	•	•	•	•	•
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.