Xtender
XTS

Model	XTS 900-12	XTS 1200-24	XTS 1400-48
Inverter			
Nominal battery voltage	12 Vdc	24 Vdc	48 Vdc
Input voltage range	9.5 - 17 Vdc	19 - 34 Vdc	38 - 68 Vdc
Continuous power @ 25°C	650** / 500 VA	800** / 650 VA	900** / 750 VA
Power 30 min. @ 25°C	900** / 700 VA	1200** / 1000 VA	1400** / 1200 VA
Power 5 sec. @ 25°C	2.3 kVA	2.5 kVA	2.8 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 %	93 %	93 %
Consumption OFF/Stand-by/ON	1.1 W / 1.4 W / 7 W	1.2 W / 1.5 W / 8 W	1.3 W / 1.6 W / 8 W
* Output voltage	Pure sine wave 230 Vac (± 2 %) / 120 Vac [1]		
* Output frequency	Adjustable 45 - 60 Hz [1] ± 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		
Battery charger			
* 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	35 A	25 A	12 A
* Temperature compensation	With BTS-01 or BSP 500/1200		
Power Factor Correction (PFC)	EN 61000-3-2		
General data	**XTS 900-12**	**XTS 1200-24**	**XTS 1400-48**
* Input voltage range	150 to 265 Vac / 50 to 140 Vac [1]		
Input frequency	45 to 65 Hz		
Input current max. (transfer relay) / Output current max.	16 Aac / 20 Aac		
Transfer time	< 15 ms		
Multifunction contacts	Module ARM-02 with 2 contacts, in option		
Weight	8.2 kg	9 kg	9.3 kg
Dimensions h/w/l [mm]	110 / 210 / 310	110 / 210 / 310	110 / 210 / 310
Protection index	IP54		
EU declaration of conformity	**Low Voltage Directive (LVD) 2014/35/EU:** - EN 50178:1997 **Electromagnetic Compliance (EMC) Directive 2014/30/EU:** - EN 62040-2:2006, EN 61000-3-2:2014		
Operating temperature range	-20 to 55°C		
Relative humidity in operation	100 %		
Ventilation	Optional cooling module ECF-01		
Acoustic level	<40dB / <45dB (without/with ventilation)		
Warranty	5 years		
ISO Certification	9001:2008 / 14001:2004		
Accessories			
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.
[1] 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