

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	
Inverter electrical characteristic														
Nominal battery voltage	12 Vdc	24 Vdc	48 Vdc	12 Vdc		24 Vdc	48 Vdc	24 Vdc	48 Vdc	12 Vdc	24 Vdc	48 Vdc		
Input voltage range	9.5 - 17 Vdc	19 - 34 Vdc	38 - 68 Vdc	9.5 - 17 Vdc		19 - 34 Vdc	38 - 68 Vdc	19 - 34 Vdc	38 - 68 Vdc	9.5 - 17 Vdc	19 - 34 Vdc	38 - 68 Vdc		
Continuous power @ 25°C	650**/ 500 VA	800**/ 650 VA	900**/ 750VA	1500 VA	2000 VA			3000 VA	3500 VA	2500 VA	4500 VA	5000 VA	7000 VA	
Power 30 min. @ 25°C	900**/ 700 VA	1200**/ 1000 VA	1400**/ 1200VA	1500 VA	2000 VA	2400 VA	2600 VA	3500 VA	4000 VA	3000 VA	5000 VA	6000 VA	8000 VA	
Power 5 sec. @ 25°C	2.3 kVA	2.5 kVA	2.8 kVA	3.4 kVA	4.8 kVA	6 kVA	6.5 kVA	9 kVA	10.5 kVA	7.5 kVA	12 kVA	15 kVA	21 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 %	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 230 Vac (± 2%) / 120 Vac ⁽¹⁾													
* Output frequency	Adjustable 45 - 60Hz ⁽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	70 A	100 A	55 A	30 A	90 A	50 A	160 A	140 A	100 A	120 A	
* Temperature compensation	With BTS-01 or BSP 500/1200													
Power Factor Correction (PFC)	EN 61000-3-2													
General data														
* 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			50 Aac / 56 Aac						50Aac / 80Aac				
Transfer time	<15 ms													
Multifunction contacts	Module ARM-02 with 2 contacts, in option			2 independent contacts (potential free 3 points, 16 Aac / 5 Adc)										
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	
Dimensions h/w/l [mm]	110 / 210 / 310	110 / 210 / 310	110 / 210 / 310	133 / 322 / 466				133 / 322 / 466		230 / 300 / 500	230 / 300 / 500	230 / 300 / 500		
Protection index	IP54			IP20										
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			Low Voltage Directive (LVD) 2014/35/EU: -EN 50178:1997, EN 62109-1:2010 Electromagnetic Compliance (EMC) Directive 2014/30/EU: - EN 62040-2:2006, EN 61000-3-2:2014, EN 61000-3-12:2011						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 EN 61000-3-12:2011				
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	< 40 dB / < 45 dB (without/with ventilation)													
Warranty	5 years													
ISO Certification	9001:2008 / 14001:2004													