

COMPACT XPC+



Model	XPC+ 1400-12	XPC+ 2200-24	XPC+ 2200-48
Inverter			
Nominal battery voltage	12 Vdc	24 Vdc	48 Vdc
Input voltage range	9.5 - 16 Vdc	19 - 32 Vdc	38 - 64 Vdc
Continuous power @ 25°C	1100 VA	1600 VA	1600 VA
Power 30 min. @ 25°C	1400 VA	2200 VA	2200 VA
Power 5 sec. @ 25°C	3 x Pnom		
Maximum power	Up to short-circuit		
Asymmetric load	Up to Pcont.		
Stand-by adjustment	1 to 25 W		
Cos φ	0.1 - 1		
Maximum efficiency	94 %	95 %	
Consumption OFF/Stand-by/ON	0.5 / 0.6 / 4 W	0.8 / 0.9 / 7 W	1.2 / 1.3 / 7 W
Output voltage	Sine wave 230 Vac (± 5 %) (XPC also available in 120 Vac)		
Output frequency	50 Hz ± 0.05 % (crystal controlled)		
Total harmonic distortion	< 2 %		
Overload and short-circuit protection	Automatic disconnection with 3 time restart attempt		
Overheat protection	Acoustic warning before shut-off - with automatic restart		
Battery charger (4 STEP) I-U-Uo-Equalize (every 25 cycles)			
Charging current adjustable	0 - 45 Adc	0 - 37 Adc	0 - 20 Adc
Input current balance adjustment	Not available		
Maximum input voltage	265 Vac		
Input AC voltage range	Adjustable threshold from 150 to 230 Vac (XPC also available in 120Vac)		
Input frequency	45 - 65 Hz		
Power Factor Correction (PFC)	EN 61000-3-2		
Battery control (thresholds and times adjustable by the user)			
Absorption time	0 - 4 h		
End charge cycle voltage*	14.4 Vdc	28.8 Vdc	57.6 Vdc
Floating voltage*	13.6 Vdc	27.2 Vdc	54.4 Vdc
Equalization time*	0 - 4 h		
Equalization voltage*	15.6 Vdc	31.2 Vdc	62.4 Vdc
Deep-discharge protection*	10.8 Vdc	21.6 Vdc	43.2 Vdc
Temperature compensation (optional CT-35)	-3mV / ° C / Cell		
General data			
Multifunction contact programmable	16 A - 250 Vac (potential free 3 points)		
Max. current on transfer relay	16 Aac		
Transfer time	< 40 ms		
Weight	11.7 kg	12.6 kg	
Dimensions h/w/l [mm]	124 / 215 / 410		
Protection index	IP20 (IP22 with top cover C-IP22)		
Certification ECE-R 10 (E24)	•	•	Not available
EU declaration of conformity	Low Voltage Directive (LVD) 2014/35/EU: - EN 50178:1997 Electromagnetic Compliance (EMC) Directive 2014/30/EU: -EN 61000-3-2:2014, -EN 61000-3-3:2013, -EN 61000-6-1:2007, -EN 61000-6-2:2005/AC:2005 -EN 61000-6-4:2007/A1:2011		
Operating temperature range	-20°C to +55°C		
Relative humidity in operation	95 % without condensation		
Ventilation	From 45°C		
Acoustic level	<40 dB / <45 dB (without/with ventilation)		
Warranty	5 years		
ISO Certification	9001:2008 / 14001:2004		
Option solar charger (4 stages)			
Maximum PV open circuit voltage (V)	25 Vdc	45 Vdc	90 Vdc
Maximum charge current (A)	30 Adc	30 Adc	20 Adc
Charging curve	I-U-Uo-Equalize (every 25 cycles)		
Accessories			
RCC-01 Remote control	•		
CT-35 Temperature sensor	•		
ARM-01 Auxiliary relay module	•		
CFC-01 Cover	•		
C-IP22 Cover	•		

* Factory settings

Data may change without any notice