

# COMPACT Series



Model	XPC+ 1400-12	XPC+ 2200-24	XPC+ 2200-48	C 1600-12	C 2600-24	C 4000-48
<b>Inverter</b>						
Nominal battery voltage	12 Vdc	24 Vdc	48 Vdc	12 Vdc	24 Vdc	48 Vdc
Input voltage range	9.5 - 16 Vdc	19 - 32Vdc	38 - 64 Vdc	9.5 - 16 Vdc	19 - 32 Vdc	38 - 64 Vdc
Continuous power @ 25°C	1100 VA	1600 VA	1600 VA	1300 VA	2300 VA	3500 VA
Power 30 min. @ 25°C	1400 VA	2200 VA	2200 VA	1600 VA	2600 VA	4000 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 %		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	0.5 / 0.6 / 6 W	0.8 / 0.9 / 9 W	1.2 / 1.4 / 12 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	< 4 %	< 2 %				
Overload and short-circuit protection	Automatic disconnection with 3 time restart attempt					
Overheat protection	Acoustic warning before shut-off - with automatic restart					
<b>Battery charger (4 STEP) I-U-Uo-Equalize (every 25 cycles)</b>						
Charging current adjustable	0 - 45 Adc	0 - 37 Adc	0 - 20 Adc	0 - 55 Adc		0 - 50 Adc
Input current balance adjustment	Not available			1 - 16 A		
Maximum input voltage	265 Vac					
Input AC voltage range	Adjustable threshold from 150 to 230 Vac (XPC also available in 120 Vac)					
Input frequency	45 - 65 Hz					
Power Factor Correction (PFC)	EN 61000-3-2					
<b>Battery control (thresholds and times adjustable by the user)</b>						
Absorption time	0 - 4 h					
End charge cycle voltage*	14.4 Vdc	28.8 Vdc	57.6 Vdc	14.4 Vdc	28.8 Vdc	57.6 Vdc
Floating voltage*	13.6 Vdc	27.2 Vdc	54.4 Vdc	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	15.6 Vdc	31.2 Vdc	62.4 Vdc
Deep-discharge protection*	10.8 Vdc	21.6 Vdc	43.2 Vdc	10.8 Vdc	21.6 Vdc	43.2 Vdc
Temperature compensation (optional CT-35)	-3mV / °C / Cell					
<b>General data</b>						
Multifunction contact programmable	16A - 250 Vac (potential free 3 points)					
Max. current on transfer relay	16 Aac					
Transfer time	< 40 ms					
Weight	11.7 kg	12.6 kg		16 kg	17.1 kg	29.4 kg
Dimensions h/w/l [mm]	124 / 215 / 410			124 / 215 / 480		124 / 215 / 670
Protection index	IP20 (IP22 with top cover C-IP22)					
Certification ECE-R 10 (E24)	•	•	Not available	•	•	Not available
Compliance to standards	<b>Low Voltage Directive (LVD) 2014/35/EU:</b> - EN 50178:1997 <b>Electromagnetic Compliance (EMC) Directive 2014/30/EU:</b> -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			<b>Low Voltage Directive (LVD) 2014/35/EU:</b> - EN 50178:1997 <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°C to +55°C					
Relative humidity in operation	95 % without condensation					
Ventilation	From 45°C					
Accoustic level	<40 dB / <45 dB (without/with ventilation)					
Warranty	5 years					
ISO Certification	9001:2008 / 14001:2004					
<b>Option solar charger (4 stages)</b>						
Maximum PV open circuit voltage (V)	25 Vdc	45 Vdc	90 Vdc	25 Vdc	45 Vdc	90 Vdc
Maximum charge current (A)	30 Adc	30 Adc	20 Adc	30 Adc	30 Adc	20 Adc
Charging curve	I-U-Uo-Equalize (every 25 cycles)					
<b>Accessories</b>						
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