

# COMPACT C



Model	C 1600-12	C 2600-24	C 4000-48
<b>Inverter</b>			
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	1300 VA	2300 VA	3500 VA
Power 30 min. @ 25°C	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 25W	
Cos φ		0.1 - 1	
Maximum efficiency	94 %	95 %	
Consumption OFF/Stand-by/ON	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	< 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 - 55 Adc		0 - 50 Adc
Input current balance adjustment	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
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		
<b>General data</b>			
Multifunction contact programmable	16 A - 250 Vac (potential free 3 points)		
Max. current on transfer relay	16 Aac		
Transfer time	< 40 ms		
Weight	16 kg	17.1 kg	29.4 kg
Dimensions h/w/l [mm]	124 / 215 / 480		124 / 215 / 670
Protection index	IP20 (IP22 with top cover C-IP22)		
Certification ECE-R 10 (E24)	•	•	Not available
EU declaration of conformity	<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
Maximum charge current (A)	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	•		