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COMPACT series

Model	XPC 1400-12	XPC 2200-24	XPC 2200-48	C 1600-12	C 2600-24	C 4000-48
Inverter						
Nominal battery voltage	12Vdc	24Vdc	48Vdc	12Vdc	24Vdc	48Vdc
Input voltage range	9.5 – 16Vdc	19 - 32Vdc	38 - 64Vdc	9.5 - 16Vdc	19 - 32Vdc	38 - 64Vdc
Continuous power @ 25°C	1100VA	1600VA	1600VA	1300VA	2300VA	3500VA
Power 30 min. @ 25°C	1400VA	2200VA	2200VA	1600VA	2600VA	4000VA
Power 5 sec. @ 25°C	3 x Pnom					
Maximum power	Up to short-circuit					
Maximum asymmetric load	Up to Pcont.					
Stand-by adjustment	1 to 25W					
Cos φ	0.1 - 1					
Maximum efficiency	94%	95%		94%	95%	
Consumption OFF/Stand-by/ON	0.5/0.6/4W	0.8/0.9/7W	1.2/1.3/7W	0.5/0.6/6W	0.8/0.9/9W	1.2/1.4/12W
Output voltage	Sine wave 230Vac (±5%) (XPC also available in 120Vac)					
Output frequency	50Hz ± 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					
Battery charger (4 STEP) I-U-Uo-Equalize (every 25 cycles)						
Charging current adjustable	0 - 45Adc	0 - 37Adc	0 - 20Adc	0 - 55Adc		0 - 50Adc
Input current balance adjustment	Not available			1 - 16A		
Maximum input voltage	265Vac					
Input AC voltage range	Adjustable threshold from 150 to 230Vac (XPC also available in 120Vac)					
Input frequency	45 - 65Hz					
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*	14.4Vdc	28.8Vdc	57.6Vdc	14.4Vdc	28.8Vdc	57.6Vdc
Floating voltage	13.6Vdc	27.2Vdc	54.4Vdc	13.6Vdc	27.2Vdc	54.4Vdc
Equalization time	0-4 h					
Equalization voltage	15.6Vdc	31.2Vdc	62.4Vdc	15.6Vdc	31.2Vdc	62.4Vdc
Deep-discharge protection	10.8Vdc	21.6Vdc	43.2Vdc	10.8Vdc	21.6Vdc	43.2Vdc
Temparature compensation (optional CT-35)	-3mV / ° C / Cell					
General data						
Multifunction contact programmable	16A - 250Vac (potential free 3 points)					
Max. current on transfer relay	16Aac					
Transfer time	< 40 ms					
Weight	11.7 kg	12.6 kg		16 kg	17.1 kg	29.4 kg
Dimension hxwxl [mm]	124x215x410			124x215x480		124x215x670
Protection index	IP20 (IP22 with top cover C-IP22)					
Certification ECE-R 10 (E24)	•	•	Not available	•	•	Not available
EC conformity	EN 61000-6-1, EN 61000-6-3, EN 55014, EN 55022, EN 61000-3-2, Low voltage directive 2006/95/EC: EN 62040-1-1, EN 50091-2, EN 60950-1					
Operating temperature range	-20°C up to +55°C					
Relative humidity in operation	95% without condensation					
Ventilation	From 45°C					
Accoustic level	<40dB / <45dB (without/with ventilation)					
Warranty	5 years					
Option solar charger (4 stages) I-U-Uo-Equalize (every 25 cycles)						
Maximum PV open circuit voltage (V)	25Vdc	45Vdc	90Vdc	25Vdc	45Vdc	90Vdc
Maximum charge current (A)	30Adc	30Adc	20Adc	30Adc	30Adc	20Adc
Charging curve	I-U-Uo-Equalize (every 25 cycles)					

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* Factory settings

Data may change without any notice.