

COMPACT series



Model	XPC 1400-12	XPC 2200-24	XPC 2200-48	C 1600-12	C 2600-24	C 4000-48	HPC 2800-12	HPC 4400-24	HPC 6000-48	HPC 8000-48
Inverter										
Nominal battery voltage	12V	24V	48V	12V	24V	48V	12V	24V	48V	
Input voltage range	9.5 - 16V	19 - 32V	38 - 64V	9.5 - 16V	19 - 32V	38 - 64V	9.5 - 17V	19 - 34V	38 - 68V	
Continuous power @ 25°C	1100VA	1600VA	1600VA	1300VA	2300VA	3500VA	2500VA	4000VA	5000VA	7000VA
Power 30 min. @ 25°C	1400VA	2200VA	2200VA	1600VA	2600VA	4000VA	2800VA	4400VA	6000VA	8000VA
Power 5 sec. @ 25°C	3 x P _{nom}									
Maximum power	Up to short-circuit									
Maximum asymmetric load	Up to P _{cont.}									
Stand-by adjustment	1 to 25W									
Cos φ	0.1 - 1									
Maximum efficiency	94%	95%		94%	95%		93%	94%	96%	
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	1.4/1.8/10W	1.7/2/16W	2/2.5/18W	2/3/30W
Output voltage	Sine wave 230Vac (+0/- 10%) (XPC also available in 120Vac)									
Output frequency	50Hz +/- 0.05% (crystal controlled)									
Total harmonic distortion	< 4%	< 2%								
Dynamic behaviour	0.5 ms (on load change 0 to 100%)									
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 - 45A	0 - 37A	0 - 20A	0 - 55A		0 - 50A	0 - 110A	0 - 100A	0 - 70A	0 - 90A
Input current balance adjustment	Not available			1 - 16A			1 - 30A			1 - 50A
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									
Optional solar charger (4 stages) I-U-Uo-Equalize (every 25 cycles)										
Maximum PV open circuit voltage (V)	25V	45V	90V	25V	45V	90V	Not available			
Maximum charge current (A)	30A	30A	20A	30A	30A	20A	Not available			
Charging curve	I-U-Uo-Equalize (every 25 cycles) / Not available						Not available			
Battery control (thresholds and times adjustable by the user)										
Absorption time	0-4 h									
End charge cycle voltage*	14.4V	28.8V	57.6V	14.4V	28.8V	57.6V	14.4V	28.8V	57.6V	
Floating voltage	13.6V	27.2V	54.4V	13.6V	27.2V	54.4V	13.6V	27.2V	54.4V	
Equalization time	0-4 h									
Equalization voltage	15.6V	31.2V	62.4V	15.6V	31.2V	62.4V	15.6V	31.2V	62.4V	
Deep-discharge protection	10.8V	21.6V	43.2V	10.8V	21.6V	43.2V	10.8V	21.6V	43.2V	
Temperature compensation (optional CT-35)	-3mV / °C / Cell									
General data										
Multifunction contact programmable	16A - 250Vac (potential free 3 points)									
Max. current on transfer relay	16A						30A			50A
Transfer time	< 40 ms									
Weight	11.7 kg	12.6 kg		16 kg	17.1 kg	29.4 kg	33 kg	39 kg	41 kg	45 kg
Dimension h x w x l [mm]	124x215x410			124x215x480		124x215x670	242x288x480			242x288x500
Protection index	IP20 (IP22 with top cover C-IP22)						IP 20			
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, Dir. 89/336/EEC, LVD 73/23/EEC									
Operating temperature range	-20°C up to +55°C									
Relative humidity in operation	95% without condensation									
Ventilation	From 45°C									
Acoustic level	<40dB / <45dB (without/with ventilation)									
Warranty	2 years									
Options										
Solar charge controller	30A	30A	20A	30A	30A	20A				

* Factory settings

Data may change without any notice.