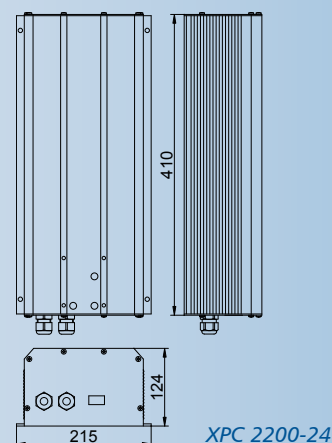




Sine Wave Inverter



Power class 1400 - 2200 W



Steca XPC

1400-12, 2200-24, 2200-48

The Steca XPC series of inverters feature a very high overload capacity that even enables them to operate highly critical loads. Other important features of these high-quality inverters are their powerful device protection and their individual low self consumption. The XPCs combine a sine wave inverter, 4-stage battery charger and transfer system in one device, therefore making them particularly suitable for hybrid systems. The in-built multifunctional contact enables you, for example, to switch on and off diversion loads for excess power or start a diesel generator to recharge batteries.



Inverter-Charger XPC	1400-12	2200-24	2200-48
nominal input voltage (V)	12	24	48
input voltage range (V)	9.5 - 16	19 - 32	38 - 64
output voltage	230 V +0 / -10 % (pure sine wave)		
output frequency	50 Hz +/-0.05 %		
continuous power (VA)	1100	1600	1600
max. power 30 min. (VA)	1400	2200	2200
max. power 5 sec. (VA)	3300	4800	4800
maximum efficiency (%)	94	95	95
consumption Stand-by (W)	0.6	0.9	1.3
load detection (Stand-by)	adjustable: 1 - 25 W		
charging current, adjustable (A)	0 - 45	0 - 37	0 - 20
minimum input voltage	adjustable from 150 to 230 VAC		
battery monitoring	LVD, HVD, floating and equalisation voltage adjustable by user via optional remote control RCC-01		
max. current / power on transfer system	16 A / 3.7 kVA		
switching time	< 20 ms		
cable length battery	165 cm		
operating temperature	-20 °C to +55 °C		
protection class	IP 20 / with optional top cover: IP 23		
weight (kg)	11.7	12.6	
dimensions l x w x h (mm)	410 x 215 x 124		

Technical data at 25 °C / 77 °F

Options

- types with 230 V / 60 Hz
- remote control RCC-01 (With this additional device it is also possible to programme the inverter parameters.)
- protection cover C-IP 23 to enhance the protection class
- terminal protection cover CFC-01 to avoid hazardous contacts with strain relief clamps
- temperature sensor CT35 to correct the operation voltages according to the actual battery temperature

Features

- power range 1,400 - 2,200 W
- adjustable battery charger included
- excellent overload capabilities
- adjustable, automatic load detection
- usable as back-up or UPS
- best reliability
- multifunction switch

Electronic Protections

- battery deep discharge protection
- battery over voltage shut down
- over temperature and over load protection
- short circuit protection
- reverse polarity protection by internal fuse
- acoustic warning before battery low or overheating disconnection

Displays

- operational status inverter by 7 LEDs