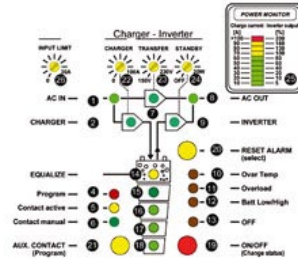
 Made in Switzerland

## Sine Wave Inverter



## HPC – Series

2800-12, 4400-24, 6000-48, 8000-48

Power class

2800 - 8000 W



The technology of the HPC inverter series is based on Compact devices. However, the four different types offer considerably greater power. What's more, HPCs are equipped with PG screw fittings for strain relief and to protect all connections. The devices consist of a sine wave inverter, a battery charger, a transfer system and a voltage-free multifunctional contact. They are primarily used in hybrid systems. The integrated power sharing function ensures that the transfer system always provides the connected loads with the desired power.



SH-No.:	140040	140041	140042	140043
<b>Inverter-Charger HPC</b>	<b>2800-12</b>	<b>4400-24</b>	<b>6000-48</b>	<b>8000-48</b>
nominal input voltage (V)	12	24	48	48
input voltage range (V)	9.5 - 16	19 - 32	38 - 68	38 - 68
output voltage	230 V +0 / -10% (true sine wave)			
output frequency	50 Hz + / -0.05%			
continuous power (VA)	2500	4000	5000	7000
max. power 30 min. (VA)	2800	4400	6000	8000
max. power 5 sec. (VA)	7500	12000	15000	21000
maximum efficiency (%)	93	94	96	96
consumption Stand-by (W)	1.8	2.0	2.5	3.0
load detection (Stand-by)	adjustable: 1 - 25 W			
charging current, adjustable (A)	0 - 110	0 - 100	0 - 70	0 - 90
input current balance adj., power sharing (A)	1 - 30			1 - 50
minimum input voltage	adjustable from 150 to 230 VAC			
battery monitoring	LVD, HVD, floating an equalisation voltage adjustable by user via optional remote control			
max. current / power on transfer system	30 A / 6.9 kVA		50 A / 11.5 kVA	
switching time	< 20 ms			
operating temperature	-20°C to +55°C			
protection class	IP 20			
weight (kg)	33.0	39.0	41.0	45.0
dimensions (l) x 297 x 242 (mm)	480		493	

Technical data at 25°C / 77°F

### Options

- types with 230 V / 60 Hz
- remote control RCC-01
- temperature sensor CT35 to correct the operation voltages according to the actual battery temperature
- remote control RPS-01 for the function power sharing

### Features

- power range 2800 - 8000 W
- adjustable battery charger included
- excellent overload capabilities
- adjustable, automatic load detection
- usable as back-up or UPS
- adjustable power sharing
- best reliability

### 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 and state of charge by 17 LED
- power monitor for topical power and charging current