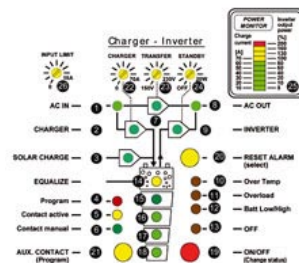




 Made in Switzerland

## Sine Wave Inverter



## Compact – Series

1600-12, 2600-24, 4000-48

Power class

1600 - 4000 W



The Compact series is specially designed for hybrid systems. The devices consist of a sine wave inverter with a high overload capacity, a battery charger and a transfer system. The in-built multifunctional contact enables you, for example, to start a diesel generator to recharge batteries or to cut the power for less priority loads when the battery is lower than a given threshold. Even if you only use the device's sine wave inverter, the Compact is still very cost effective. The integrated power sharing function ensures that the transfer system always provides the connected loads with the desired power.



SH-No.:	140030	140031	140032
<b>Inverter-Charger Compact</b>	<b>1600-12</b>	<b>2400-24</b>	<b>4000-48</b>
nominal input voltage (V)	12	24	48
input voltage range (V)	9.5 - 16	19 - 32	38 - 64
output voltage	230 V +0 / -10% (true sine wave)		
output frequency	50 Hz + / -0.05%		
continuous power (VA)	1300	2300	3500
max. power 30 min. (VA)	1600	2600	4000
max. power 5 sec. (VA)	3900	6900	10500
maximum efficiency (%)	94	95	95
consumption Stand-by (W)	0.6	0.9	1.4
load detection (Stand-by)	adjustable: 1 - 25 W		
charging current, adjustable (A)	0 - 55	0 - 55	0 - 50
input current balance adj., power sharing	1 - 16 A		
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	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)	16.0	17.1	29.4
dimensions (l) x 215 x 124 (mm)	480	480	670

Technical data at 25°C / 77°F

### Options

- types with 230 V / 60 Hz
- remote control RCC-01
- 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 1600 - 4000 W
- adjustable battery charger included
- excellent overload capabilities
- adjustable, automatic load detection
- usable as back-up or UPS
- adjustable power sharing
- 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 and state of charge by 17 LED
- power monitor for topical power and charging current