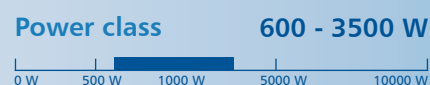
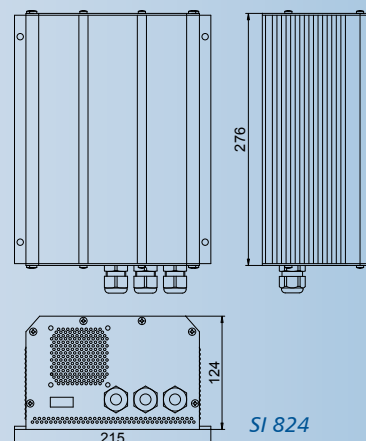




Sine Wave Inverter



Steca SI

612, 624, 648, 812, 824, 1212, 1224, 1248, 1624, 2324, 2348, 3324, 3548

The Steca SI series consist of “high end” pure sine wave inverters for AC voltage systems. All devices offer outstanding highly precise output voltages and frequencies. Their automatic standby mode considerably reduces the inverter’s self consumption. The Steca SI inverters even allow to create a real 3-phased grid with 3 Steca SI units. This option is possible from the 1200 W type.

Options

- types with 115 V / 50 Hz, 115 V / 60 Hz or 230 V / 60 Hz
- terminal for connecting of a remote control (On / Off)
- integrated potential free alarm contact (60 V / 0.5 A)
- protection cover SI-IP 23 to enhance the protection class

Features

- nominal power range 600 – 3,500 W
- 3-phased 3,600 – 10,500 W
- excellent overload capabilities
- adjustable, automatic load detection
- 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

Displays

- operational status inverter by LEDs



Inverter SI	612	624	648	812	824	1212	1224	1248	1624	2324	2348	3324	3548
nominal input voltage (V)	12	24	48	12	24	12	24	48	24	24	48	24	48
input voltage range (V)	11.4 - 16	23.8 - 32	45.6 - 64	11.4 - 16	23.8 - 32	11.4 - 16	23.8 - 32	45.6 - 64	23.8 - 32	23.8 - 32	45.6 - 64	23.8 - 32	45.6 - 64
output voltage	230 V +/-3 % (pure sine wave)												
output frequency	50 Hz +/-0.01 %												
continuous power (VA)	600			800			1200			1600	2300	3300	3500
max. power 15 min. (VA)	950			1250			1900			2500	3600	5200	5600
max. power 5 sec. (VA)	2100			2800			4200			5600	8000	11500	12000
maximum efficiency (%)	91			92			95			95	95	95	95
consumption Stand-by (W)	0.3	0.5	0.5	0.3	0.5	0.3	0.5	0.5	0.5	0.6	0.8	0.6	1.4
load detection (Stand-by)	adjustable: 0.3 - 20 W												
cable length Battery / AC	165 cm / 140 cm												
operating temperature	-20 °C to +50 °C												
protection class	IP 20 / with optional top cover: IP 23												
weight (kg)	6.9			10.4			13.2			15.2	27.0	30.0	38.0
dimensions (l) x 215 x 124 (mm)	206			276			391			391	591	636	791

Technical data at 25 °C / 77 °F