



XP Compact 1100-1600 watt

The XP Compact is a no-fuss performer that is both flexible and simple to use.

The XP Compact provides a smooth quiet and efficient sine wave inverter for running all types of appliances and incorporates a power-transfer switch and a high-quality four-stage battery charger—the ultimate charger with power factor correction.

Transfer between inverter mode and alternate AC supply is fast, smooth—and safe (typically 20 ms).

The clean lines of the aluminium extruded chassis provide protection against the elements and an LED display keeps you posted on basic system information.

Connect an optional remote display to provide essential data and access those additional features—like adjusting operating parameters at the unit or up to 40 metres away.

This design incorporates flat line efficiency technology for excellent efficiency and minimum battery draw—even with the smallest load.[Suppliers logo Studer]

FEATURES

- grid-quality true sine wave output runs all appliances
- high surge ratings starts motors
- LED indicators for operating status
- power factor corrected battery charging
- four-stage, battery charger
- 16-amp synchronised power transfer switch
- optional remote display
- fitted with extra-heavy duty, low loss battery cables
- non-corrosive aluminium chassis
- optional solar controller

APPLICATIONS

- microwave ovens
- televisions
- small washing machines
- computers
- fridges
- breadmakers
- hairdryers

WHERE TO USE

- boats
- motorhomes
- weekenders
- service vehicles
- caravans
- commercial boating (fishing trawlers)
- domestic homes



SPECIFICATIONS

XP COMPACT	SSC-12-1K1	SSC-12-1K1S	SSC-24-1K6	SSC24-1K6S	SSC-48-1K6	SSC-48-1K6S
Battery input (V)	12	12	24	24	48	48
Continuous power (W)	1100	1100	1600	1600	1600	1600
30-minute rating (W)	1400	1400	2200	2200	2200	2200
Surge power (W)	3300	3300	4800	4800	4800	4800
Peak efficiency (%)	94	94	95	95	95	95
Load detection (W)	1–20	1–20	1–20	1–20	1–20	1–20
Max charge current (A)	0–45	0–45	0–37	0–37	0–20	0–20
Solar controller	N/A	30 A 4-stage	N/A	30 A 4-stage	N/A	20 A 4-stage
Load transfer rating (A AC)	15	15	15	15	15	15
Weight (kg)	11.7	11.7	12.6	12.6	12.6	12.6
Size (mm)	410 x 215 x 124					

• All specifications are at 25°C and unity power factor. See page xx for further specifications.



Compact 1300-3500 watts



The Compact offers the brilliant performance of the XP Compact, but adds a little more power and a full-featured LED display.

These units handle all the big jobs, from microwave ovens to washing machines.

All adjustments are made on the unit's display panel, as well as a display of output power, charge current and state of charge.

The addition of adjustable power sharing and adjustable transfer voltage allows the Compact to tolerate small or poor-quality generators.

This design incorporates flat line efficiency technology for excellent efficiency and minimum battery draw—even with the smallest load.

Couple these features with adjustable load-detection circuitry and you're on a winner.

WHERE TO USE

motorhomes
boats
commercial boating
domestic homes
service vehicles
caravans

APPLICATIONS

microwave ovens
power tools
pressure pumps
computers
fridges
televisions
washing machines

FEATURES

- true sine wave output runs all appliances
- high surge ratings suitable for motors and pumps
- comprehensive LED display panel
- power-factor-corrected battery charging saves fuel
- powerful four-stage, 55-amp battery charger
- synchronised AC transfer switch
- adjustable power sharing between load and battery can be adjusted between Marinas/Caravan Parks
- optional remote display for convenience
- optional solar controller
- fitted with extra-heavy duty, low loss battery cables
- ruggedly built—excellent for mobile applications
- adjustable load-detection circuitry
- fully adjustable charging parameters

SPECIFICATIONS

COMPACT	SSC-12-1K3	SSC-12-1K3S	SSC-24-2K3	SSC-24-2K3S	SSC-48-3K5	SSC-48-3K5S
Battery input (V)	12	12	24	24	48	48
Continuous power (W)	1300	1300	2300	2300	3500	3500
30-minute rating (W)	2000	2000	3000	3000	4800	4800
Surge power (W)	3500	3500	6000	6000	9000	9000
Peak efficiency (%)	94	94	95	95	95	95
Load detection (W)	1–20	1–20	1–20	1–20	1–20	1–20
Max charge current (A)	0–55	0–55	0–55	0–55	0–50	0–50
Solar controller	N/A	30	N/A	30	N/A	20
Load transfer rating (A AC)	16	16	16	16	16	16
Weight (kg)	17	17	18	18	18	30
Size (mm)	480 x 215 x 124					670 x 215 x 124

• All specifications are at 25°C and unity power factor. See page xx for further technical specifications.



HP Compact 2500-7000 watts

The HP Compact inverter–charger combines quality and muscle in one intelligent package.

With all the features of the Compact series, these units handle the bigger jobs with ease and refinement.

The SSC-12-2k5 is ideal for large boats or motorhomes where a large 12-volt supply is available.

Installation is a breeze for one installer thanks to clever mechanical design and a simple mounting bracket.

The LED display provides all information you need for managing your system.

This design incorporates flat line efficiency technology for excellent efficiency and minimum battery draw—even with the smallest load.

So if you want power with refinement, you can't go past an HP Compact.



FEATURES

- true sine wave output runs all appliances
- high surge ratings suitable for motors and pumps
- comprehensive LED display panel
- power-factor-corrected battery charging
- four-stage battery charger
- synchronized AC transfer switch
- adjustable power sharing between load and battery charging
- optional remote display for convenience
- adjustable load-detection circuitry
- fully adjustable charging parameters

APPLICATIONS

- washing machines
- fridges
- computers
- televisions
- toasters
- kettles
- pumps
- large power tools
- multiple appliances

WHERE TO USE

- homesteads
- domestic homes
- motorhomes
- commercial boating
- boats



SPECIFICATIONS

HP COMPACT	SSC-12-2K5	SSC-24-4K0	SSC-48-5K0	SSC-48-7K0
Battery input (V)	12	24	48	48
Continuous power (W)	2500	4000	5000	7000
3-minute rating (W)	3400	5400	7200	?
Surge power (W)	7500	12000	15000	21000
Peak efficiency (%)	93	94	96	96%
Load detection (W)	1–20	1–20	1–20	1–20
charge current (A)	0–110	0–100	0–70	0–90A
Load transfer time (ms)	< 20	< 20	< 20	< 20
Load transfer rating (A)	30 A (AC)	30 A (AC)	50 A (AC)	50 A (AC)
Weight (kg)	29	37	42	45
Size (mm)	480 x 288 x 242			500x288x242

• All specifications are at 25°C and unity power factor. See page xx for further specifications.