

SolarHome Systems

Reliable

Powerfull

Individual

*Components
for our 4 systems*

- Metal housing
- Solar modules
- Inverter
- Charge Controller
- Batteries
- Display
- Fuses
- Socket
- Set of connection cables
- p.r.n. sub construction for solar modules



Solar energy is not only environmentally friendly and cost-effective. One of its major advantages is the location-independent availability.

It can be used for any person in any place on earth.



KSG Solar Home Systems

KSG Solar Home System 800 / 24

Technical data

Solar modules:	3 x 185 Wp
Batteries:	2 x 12 V / 100 Ah
Charge controller:	1 x 40 A, 50 V
Inverter:	1 x 24 V, 800 W
Max. power rating:	800 W
Socket:	1 x 230 V
Weight (without module):	approx. 150 kg
Dimensions (L x W x D):	830 x 600 x 350 mm

Example of an application *

Energy-saving fridge (280 W/day)	up to 24.0 hours
8 energy-saving bulbs (11 W)	up to 9.0 hours
Color-TV (75 W)	up to 8.0 hours

KSG Solar Home System 3000 / 48

Technical data

Solar modules:	16 x 185 Wp
Batteries:	8 x 6 V / 220 Ah
MPPT Charge controller:	1 x 60 A, 150 V
Inverter:	1 x 48 V, 3000 W
Max. power rating:	3000 W
Socket:	1 x 230 V
Weight (without module):	approx. 570 kg
Dimensions (L x W x D):	830 x 600 x 350 mm

Example of an application *

Energy-saving fridge (280 W/day)	up to 24.0 hours
PC with Monitor or Laptop (120 W)	up to 10.0 hours
Color-TV (75 W)	up to 8.0 hours
15 energy-saving bulbs (11 W)	up to 5.0 hours
KSG 120 P water pump (1000 W)	up to 3.0 hours
Water boiler (1000 W)	up to 1.5 hours

*The fully charged battery of this system supplies energy for appliances such as!

KSG Solar Home System 1600 / 24

Technical data

Solar modules:	4 x 245 Wp
Batteries:	2 x 12 V / 150 Ah
Charge controller:	1 x 45 A, 125 V
Inverter:	1 x 24 V, 1600 W
Max. power rating:	1600 W
Socket:	1 x 230 V
Weight (without module):	approx. 200 kg
Dimensions (L x W x D):	830 x 600 x 350 mm

Example of an application *

Energy-saving fridge (280 W/day)	up to 24.0 hours
8 energy-saving bulbs (11 W)	up to 5.0 hours
Color-TV (75 W)	up to 4.0 hours
PC with Monitor or Laptop (120 W)	up to 4.0 hours
Water boiler (1000 W)	up to 0.5 hour
KSG 9 P water pump (1000 W)	up to 0.5 hour

KSG Solar Home System 3000 / 24

Technical data

Solar modules:	6 x 240 Wp
Batteries:	2 x 12 V / 230 Ah
MPPT Charge controller:	1 x 60 A, 150 V
Inverter:	1 x 24 V, 3000 W
Max. power rating:	3000 W
Socket:	1 x 230 V
Weight (without module):	approx. 400 kg
Dimensions (L x W x D):	830 x 600 x 350 mm

Example of an application *

Energy-saving fridge (280 W/day)	up to 24.0 hours
Fan (100 W)	up to 7.5 hours
10 energy-saving bulbs (11 W)	up to 5.0 hours
Color-TV (75 W)	up to 4.0 hours
PC with Monitor or Laptop (120 W)	up to 4.0 hours
KSG 40 P water pump (1000 W)	up to 1.0 hour
Water boiler (1000 W)	up to 0.5 hour



Solar power
can be harnessed
everywhere



Europe, America, Asia and Africa Sales

Kirchner Solar Group GmbH

Auf der Welle 8 · 36211 Alheim · Germany

Phone +49 5664 93911-444

Fax +49 5664 93911-39

off-grid@kirchner-solar-group.com

www.kirchner-solar-group.com