

# 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



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