

waterpumps

Integrated leading edge technology

Solar Home System and waterpump

Global service and maintenance

Standardized, one stop shop

More energy

for a variety of appliances

Pump
+ Filter
+ Disinfect
= Drinking water



Off-Grid Solutions by Kirchner Solar Group

**Kirchner
Solar
Group**

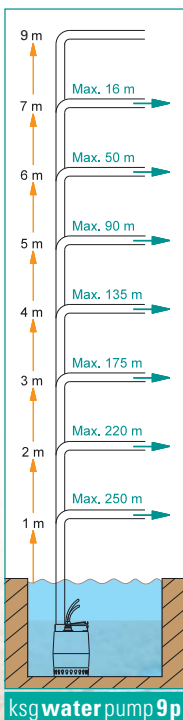


KSG Water Pump

The KSG Water Pumps are submersible pumps designed for pumping clean, non-aggressive water and wastewater such as domestic effluents from septic and sludge treating systems.

Solar Home System 3000 / 48	Technical Data
Power rating (continuous operation / 30 min)	3000W
Output voltage	230V AC / 50Hz
Module power	2960Wp
System voltage	48V
Battery capacity	220Ah
Dimensions of housing	830 x 600 x 350mm
Weight including module	570 kg

The pump is suitable for these applications:



- drainage of cellars or buildings
- pumping of domestic wastewater
- groundwater lowering
- emptying applications, e.g. in pools, tanks and vessels
- pumping applications within agriculture, the dairy industry, horticulture and the process industry.

KSG Water Pump 9 P	Technical Data
Connection:	1 ¼ "
Head:	max. 9 m
Power consumption:	700 W
Flow rate:	max. 14 m³/h
Motor voltage:	1 x 220 – 240 V, 50 Hz
Nominal current:	3.2 A
Cable length:	3 m
Dimensions:	Height 224 mm
Diameter:	149 mm (without float)
Weight:	7.7 kg

Optional accessory

- Dosing pump
- Dosing tank
- Fine filter
- Water meter
- Pressure tank
- Annual consumption of chemicals to produce chlorine dioxide

Integrated water pump solutions

- **KSG 9 P** with our Solar Home System **1600 / 24**
- **KSG 40 P** with our Solar Home System **3000 / 24**
- **KSG 120 P** with our Solar Home System **3000 / 48**

KSG Water Pump 40 P	Technical Data
Connection:	1 ¼ "
Head:	max. 42 m
Power consumption:	900 W
Flow rate:	max. 3 m³/h
Motor voltage:	1 x 200 – 240 V, 50 Hz
Nominal current:	5.2 A
Cable length:	30 m underwater cable
Dimensions:	Height 747 mm
Diameter:	74 mm
Weight:	5.0 kg

KSG Water Pump 120 P	Technical Data
Connection:	1 ¼ "
Head:	max. 128 m
Power consumption:	2.540 W
Flow rate:	max. 2 m³/h
Motor voltage:	1 x 200 – 240 V, 50 Hz
Nominal current:	12.3 A
Cable length:	30 m underwater cable
Dimensions:	Height 888 mm
Diameter:	74 mm
Weight:	6.9 kg

Europe, America, Asia and Africa Sales

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