

Stand-Alone "KiloWatt" series

Solar power station from 1.350 up to 3000 peak Watt

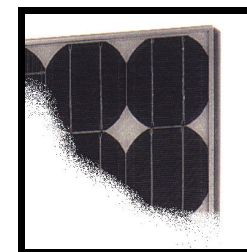


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Applications The G-xxxx "KiloWatt" series is a collection of solar power stations conceived for isolated systems like houses not connected to the power grid, schools, hospitals, loads or tools (such as instruments and equipments or typical household loads, lights), etc.. It is a modular solution with high peak power from 1.350W up to 3.000W. The power generator comes with

double line output: 220V AC and 24V DC power lines. The power station is maintenance free. All of its parts are very reliable and long-life. Optionally the system can be ordered with its metal mounting infrastructure, where the system parts, like batteries are housed. Warranties: module, 80% nominal power at 25 years, other parts 1 year.

Technical data	G-1350	G-1800	G-3000
AC power, peak/continuous [VA]	1000/850	5000/1500	6000/2000
AC voltage [V]	220	220	220
DC voltage, [V]	24	24	24
Area [sq.mt.]:	11	14	21
Peak power [Wp]:	1.350	1.800	3.000
Average power [Wpa]:	1.080	1.440	2.400
Weight [kg.]	159,64	191	212
Battery capacity [Ah]	120	185	185
System operating Temp. [°C]	-10/60°C	-10/60°C	-10/60°C
Optionals	Mounting rack, cables		
Life of the system [years, average]:			
Batteries	5		
Solar modules	>=25		



Detailed view of monocrystalline Silicon module (warranty on 80% nominal power after 25 year)

Ideal for

- Houses
- Schools
- Hospitals
- Industries & enterprises
- Communities

Key features

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|---|--|--|
| ⇒ Modules based on monocrystalline Silicon (expected life superior to 25 years) | ⇒ Easy to set-up system. Turn-key solution | ⇒ Zero emission system |
| ⇒ Long life maintenance free batteries. | ⇒ Mounting infrastructure (optional) | ⇒ Dula line: 24V DC- 220V AC (110V optional) |
| ⇒ Smart charge regulator. | ⇒ Overall reliability | |
| ⇒ Microprocessor control for AC power generation, with overload protection. | ⇒ Customized versions available on demand | |