

Stand-Alone "MiniWatt" series

Solar power station from 300 up to 750 peak Watt



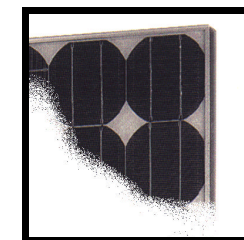
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Applications The G-xxx "MiniWatt" series is a solar power station conceived for isolated small systems like small houses not connected to the power grid, huts, house-boats, small loads or tools (such as instruments and equipments or typical household loads with not intensive use, lights), etc.. It is a general purpose modular solution with peak power from 300W up to 750W. The

power generator comes with double 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 equipped with its mounting infrastructure, where the system parts, like batteries are housed.

Technical data	G-300	G-300+	G-450	G-450+	G-600	G-750
AC power, peak/continuous [VA]	300/250	1000/850	300/250	4000/1000	1000/850	1000/850
AC voltage [V]	220	220	220	220	220	220
DC voltage, [V]	24	24	24	24	24	24
Area [sq.mt.]:	2,37	2,37	3,55	3,55	4,22	5,92
Peak power [Wp]:	300	300	450	450	600	750
Average power [Wpa]:	240	240	360	360	452	600
Weight [kg.]	86	86	130,34	130,34	141,34	179,6
Battery capacity [Ah], 24V	95	95	105	105	105	105
System operating Temp. [°C]	-10/60°C	-10/60°C	-10/60°C	-10/60°C	-10/60°C	-10/60°C
Optionals	metal 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

- lighting systems
- Small huts
- Small house/office
- Small families
- Equipments and instruments

Key features

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