

# Stand-Alone "MiniWatt" DC series

## Solar power station from 110 up to 600 peak Watt



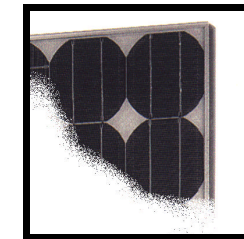
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**Applications** The G-xxx "MiniWatt" DC series is a solar power station conceived for isolated small systems like small houses not connected to the power grid, huts, house-boats, small loads or tools (such as instruments and equipments or typical household loads with not intensive use, lights), etc.. It is a general purpose modular solution with peak power from 110W up to

600W. The power generator comes with very efficient 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-150	G-300 DC	G-450 DC	G-600 DC	G-900 DC
AC power, peak/continuous [VA]	-	-	-	-	-
AC voltage [V]	-	-	-	-	-
DC voltage, [V]	24	24	24	24	24
Area [sq.mt.]:	1,18	2,37	3,55	4,24	7,11
Peak power [Wp]:	150	300	450	600	900
Average power [Wpa]:	85	240	360	480	720
Weight [kg.]	68,7	86	125	124,7	180,7
Battery capacity [Ah], 24V	95	95	105	105	105
System operating Temp. [°C]	-10/60°C	-10/60°C	-10/60°C	-10/60°C	-10/60°C
Optionals	metal mounting rack, cables				
<b>Life of the system [years, average]:</b>					
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**

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

\*Prices are ex works from G-teK, Italy and VAT exempt.