

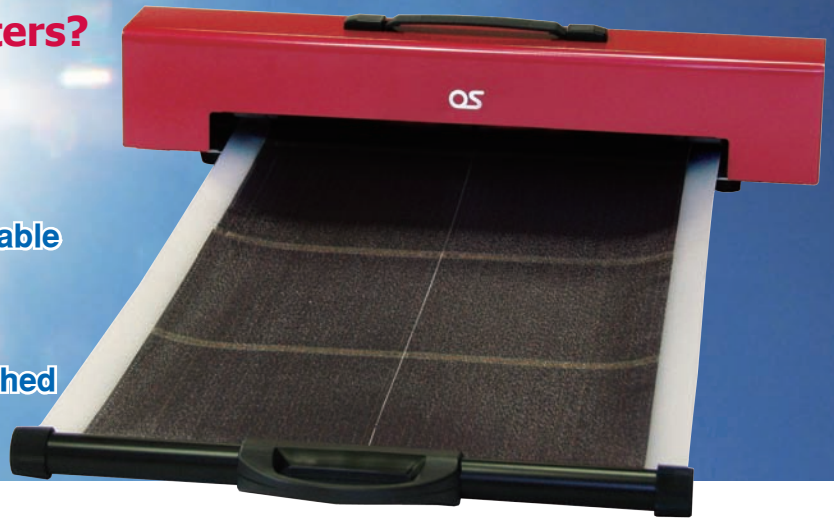
Mobile Solar Generator GSR-111B



New roll-up type Photovoltaic Generator OS "Mobile Solar Unit" comes with new features.

Are you provided for disasters?

- Solar Sheet roll-up type
- Light weight(approx.2.8Kgs), easy carrying and easy installation
- Various optional equipments available for more applications
- It can recharge Smart Phones
- AC Adaptor for recharging is attached
- Low Voltage for safety



GSR-111B and Attachments (USB Adaptor, AC Adaptor)



Open Price

New Features

Battery User-Replaceable



Built-in battery can be recharged for about 1,000 times, but user-replaceable in case of deterioration.

New Pilot Lamp for ease of checking battery status

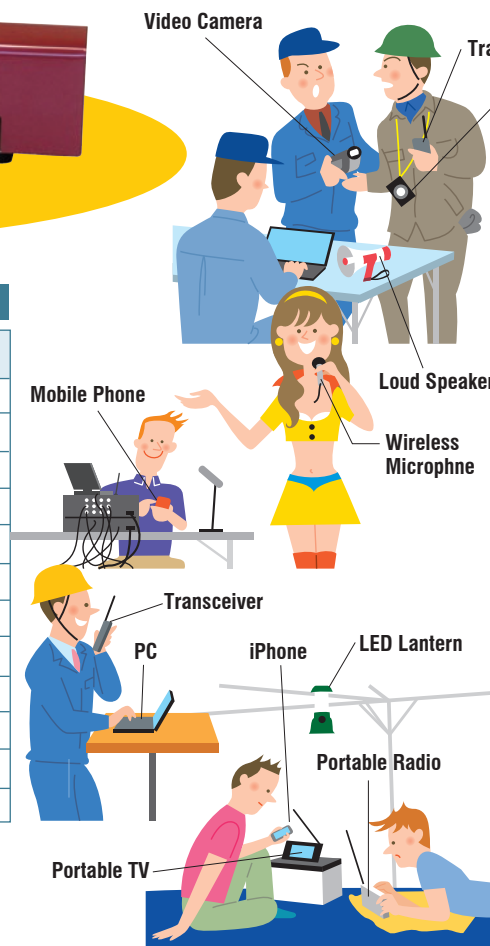


Orange color is added to show the battery balance between 20 to 60%.

Reference Time to run Electrical equipments

Items	Power Consumption (W)	Operational time (H)
Mobile Phone	2	10
Portable Radio	5	4
Portable TV	5	4
LED Lantern	4	5
Digital Camera	1.6	12.5
Video Camera	4	5
Transceiver	3	6.7
Loud Speaker	8	2.5
Wireless Microphone	0.2	100
Mobile Router	6	3.4
Portable DVD Player	8	2.5
Laptop PC ※	30 ~ 50	0.5

This chart shows the theoretical time when each of such electrical equipment is connected to GSR-111B. Actual time depends on conditions such as battery performance of such equipment.
 ※ The time for Laptop PC is measured when two GSR-111B units are connected.
 It can increase the time by connecting more units or batteries by a connection unit (G-J01).



Main Specifications

Model	GSR-111B	
Dimensions	W510×H110×D85(mm)	(except Handle portion)
Weight	Approx.2.8Kgs	
Built-in battery	Ni-MH (Nickel Metal Hydride) 2.0Ah/12V DC Appox.20Wh	
Output Power	20W(Max 24W) / Built-in battery, 12W(Max 16W) Solar Sheet	
Built-in batter charging time Approx.	5hours by Solar, Approx. 4hours by AC Adaptor	
Water Proof	IP13 (Main unit only)	
Operational Environment	Temp. : -10℃~ 60℃ Humidity : Less than 85%RH (Non-condensed)	

Attachments

■ AC Adaptor



Model : G-A03
This allows charging built-in battery from AC inlet at home.

■ USB Output Adaptor



except some special phones

Model : G-A02
This has 2 ports and can charge Smart phones

More optional equipments, more applications !!

■ For example, with a connection unit

The power increased and home equipments can be used.

Laptop PC

30~60W

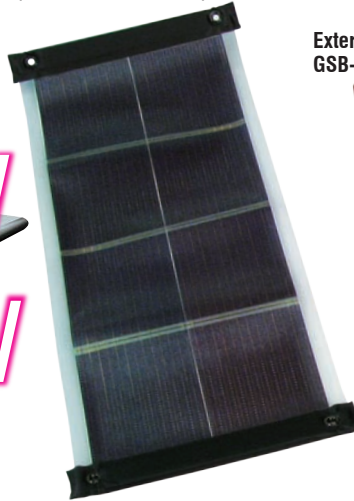
Liquid Crystal TV (22" type)

30~50W

■ External Battery

Pre-charged Battery can be carried alone

Solar Sheet GSR-010N
(will be released soon)



Images of connections

External Battery GSB-01

External Battery GSB-01

External Battery GSB-01

GSR-110B can be connected.

GSR-111B can be connected.

Max. output 100W/AC100V

Connection Unit G-J01

Car Cigar type Plug, 12V output

DC/AC Inverter(G-A04) for 100V AC output.

Emergency Disaster Set You can use this as soon as you purchase.

<Set items> **GSR-111B-S1 also released.** (Open Price)

- GSR-111B unit (incl. attachments)
- Rechargeable Lantern (G-L01) / Dimensions:H195 x φ 105mm、LED:12 (6 x 2 laws)、Continuous lighting time for 50hours、Weight : Approx.0.6Kgs
- USB 4 ports Hub / USB Ver.2.0 compliant、Weight : Approx.0.06Kgs
- Mobile Phone USB Cable Set / Docomo(FOMA、mova)・au (WIN、CDMA)・Softbank 3G supported、Weight : Approx. 0.03Kgs



Options

Product Name	External Battery	Connection Unit	Connection Cable	Battery Pack	DC/AC Inverter
Appearance					
Model	GSB-01	G-J01	G-C01	G-B01	G-A04
Dimensions	W115xH100xD85	W85xH62xD95	L=1700 ※	W77xH34xD34	W100xH45xD75
Weight(Kg)	Approx.0.8	Approx.0.3	Approx.0.04	Approx.0.3	Approx.0.4
Usage/Characteristics	<ul style="list-style-type: none"> * Nickel Metal Hydride (Ni-MH) 2.0Ah/DC12V Approx.20Wh * Built-in Battery replaceable * Charging Time : Approx.5hours / Solar Power Approx.4hours / AC Adaptor * Water Proof : IP13 	<ul style="list-style-type: none"> Power up by connecting multiple Mobile Solar and External Battery units * Up to 6units to input * Output : Max.100W (6units) * Connectable units GSR-110B, GSR-111B, GSR-010N(on sale soon) GSR-01 External battery * Water Proof : IP13 	<ul style="list-style-type: none"> * Connection cable for Connection Unit and External Battery. * Cigar Plug(with Fuse) for the connection between Mobile Solar Units. <p>※ Excl. Plug</p>	<ul style="list-style-type: none"> Replace Battery for GSR-111B and External Battery * Battery : Nickel Metal Hydride 2.0Ah/DC12V Approx.20Wh 	<ul style="list-style-type: none"> DC/AC Inverter to convert DC output to AC100V to use home equipment. * Input Voltage 12V Cigar Plug Type * Output AC/100W (55Hz) DC5V (500mA) USB
Attachments	Connection Cable (with Spare Fuse)	Connection Cable (with Spare Fuse)	Spare Fuse (2A)	—	Spare Fuse (2A)
Price	Open	Open	Open	Open	Open

OS CO., LTD.

Global Marketing Division
International Operation
OS Tokyo Bld.3-25-18 Ayase, Adachi-ku,
Tokyo, 120-0005, Japan
Tel.+81-3-5697-0980 Fax.+81-3-5697-0990
Http://www.os-worldwide.com

FEKETAHAI