

## 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

### 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-101).



### 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%.

### 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 Approx.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.

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

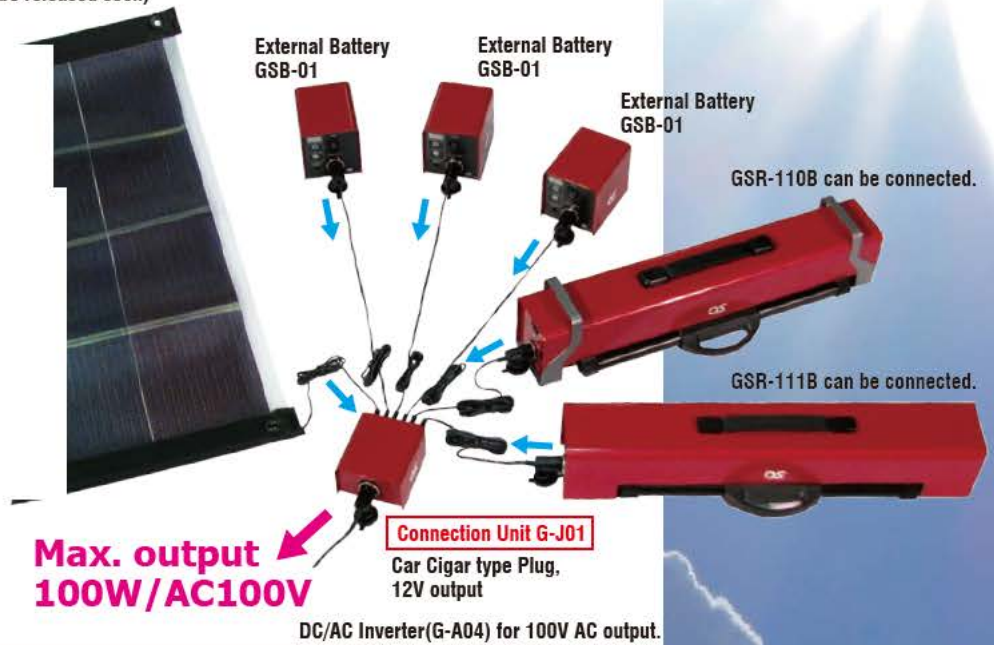
## Images of connections

Laptop PC  
**30 60W**



External Battery

Pre-charged Battery can be carried alone



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

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Specifications are as of January 2012 and subject to change without notice. The product colors are not real color. "Dokodemo Hatsuden" is a registered trademark of OS Co., Ltd. The power of generating electricity by solar sheet depends on conditions of weather and other factors.