

# SWEES

## SOLAR POWER GENERATOR

### SPG L SERIES

- SPG L 20
- SPG L 30

### Features

- Simple Plug and Play installation
- Flexible positioning
- Two USB charging port & Four LED light Jack
- Battery over-discharging protection with automatic restart
- ON/OFF Lamp Switch
- LED Indicator for Battery capacity
- Battery charging possible using AC adaptor



## SOLAR POWER GENERATOR-L SERIES

SWELECT's SPG L series is a portable Solar Power System designed as a Small DC Power Supply, widely used for outdoor applications like hiking, camping etc. It is a durable compact solar charger that is capable of charging any type of mobile phones and LED bulbs.

	Specification	SPG L 20	SPG L 30
Solar PV	Voltage	17 V for 12 V Battery	
	Solar Panel Wattage	20 W	30 W
	Cable Length	5 Meters	
	Racking System	Built in Steel angle with adjustable racking	
PWM solar controller	Charging Voltage(Vmp)	17 V	
	Max.Charging Current	5 A	
	PV maximum voltage(Voc)	25 V	
Battery	Type of battery	Sealed maintenance free lead-acid battery	
	Qty and capacity of batteries	12V / 7 Ah*1	12V / 12 Ah*1
	Float voltage	13.5 - 13.8 Vdc	
DC System	USB(Mobile Phone charger)	2 pcs of 5V / 2A	
	DC output	4 outlets for 12 V LED Bulb	
DC LED Light Bulb	Voltage	12 V	
	Max. Power per output	3 W	
	Cable length	5 meters	
	No. of LED Bulb including in package	2 nos	2 nos
Charge/Discharge Characteristics	Charge time	5-7 hours	
	Backup for DC LED light	14 - 16 Hours (1 x 3W LED light)	22 - 16 Hours (1 x 3W LED light)
AC System	Rated Power	150W	
	Voltage	220Vac ( $\pm 10\%$ )	
	Waveform	Not applicable	
	Frequency	Modified sine wave	
	No-load current	50Hz	
	Backup for AC load	0.3A	
Unit dimension (mm) (Inverter Alone)	195x108x135mm	215x125x150mm	
Net weight (KG) (Inverter Alone)	3.5	5.7	
Unit dimension (mm) (Complete Unit)	CUSTOMIZABLE		
Net weight(KG) (Complete Unit)	6	9.2	
Environmental performance	Indoor or outdoor with water proof measures, Temperature 0°C~40°C, Humidity 20%~90%, Non condensate		
Noise level	Less than 40db		