



For solving the small utility demand in rural area, KESC provides **Solar Generator SG0** series products. The modularized design and certificated components ensure this product series to reach long-term stability of operation both at DC and AC usage. And the features of convenient transportation and quick installation had been considered.

King Enertech designs this product with industrial specification standard and through the function testing strictly which makes **SG0** becoming a safe and trustful Solar power system. No only the firm structure, waterproof and dustproof but also the system life span had all been tested. This product can endure long distance once shipment and remain functional under severe weather condition. Modularized bracket and connector ensure users to complete the installation in short time.

PRODUCT FEATURES AND BENEFITS

- High efficiency of power output.
- Completed system safe protection.
- Modularized design, convenient transportation and rapid installation.
- Can be used both by DC and AC.
- The tilt angle of solar power module can be adjusted according the sunward at different latitude.
- LCD displayed parameter monitor with RS-485 digital output offers maintenance readiness.
- Over 5 years design life span, low cost system maintenance.
- System with 2 year warranty.

APPLICATIONS

- Off grid or rural area.
- Small electricity demand or high cost to built up normal electricity.
- Rescuer and emergency back-up electricity.
- Cable and wireless communication repeater, relay station.
- Meteorology, oceanographic, GPS monitor center.



MECHANICAL SPECIFICATIONS

- Adjustment angles for PV: 0° ~ 50°
- Dustproof & waterproof : IP 54
- Main part Material : Galvanization steel plate & rust prevention baking varnish

MODELS & SHIPPING SIZE & WEIGHT CHART

MODEL	Net Weight (kg)	Gross Weight (kg)	Shipping Size (mm)	20' Container (sets)	40' Container (sets)
SG0-00260116A	158	166	A+B+C	28	56
SG0-00260116B	162	170	A+B+C	28	56
SG0-00260116C	188	196	A+B+C	28	56
SG0-00260116D	219	227	A+B+C	28	56
SG0-00130116A	147	155	A+B+C	30	60
SG0-00160116A	151	159	A+2D+C	24	52
SG0-00240116A	160	168	A+3D+C	24	48
SG0-00240116B	164	172	A+3D+C	24	48
SG0-00240116C	190	198	A+3D+C	24	48
SG0-00240116D	221	229	A+3D+C	24	48
SG0-00260235A	158	166	A+B+C	28	56
SG0-00260235B	162	170	A+B+C	28	56
SG0-00260235C	188	196	A+B+C	28	56
SG0-00260235D	219	227	A+B+C	28	56
SG0-00130235A	145	155	A+B+C	30	60
SG0-00160235A	151	159	A+2D+C	24	52
SG0-00240235A	160	168	A+3D+C	24	48
SG0-00240235B	164	172	A+3D+C	24	48
SG0-00240235C	190	198	A+3D+C	24	48
SG0-00240235D	221	229	A+3D+C	24	48

A box : 900x600x1000mm , 56.85kg ; B box : 1530x680x80mm , 26.8kg ; C box : 1450x300x50mm , 9.6kg
 D box : 125x56x5mm , 8.68kg

■ ELECTRICAL SPECIFICATIONS

- System Voltage : 12 VDC
- AC Output : Pure Sine Wave/Continuous 300W
- Battery protection : LVD & OVD & Over-current protection
- Battery bank : Gel-type deep cycle

MODELS & FUNCTIONS

MODEL	Max. Power Rating (W)	AC Output	Battery Bank
SG0-00260116A	260	110VAC/60Hz	12V / 200 AH
SG0-00260116B	260	110VAC/60Hz	12V / 230 AH
SG0-00260116C	260	110VAC/60Hz	12V / 300 AH
SG0-00260116D	260	110VAC/60Hz	12V / 400AH
SG0-00130116A	130	110VAC/60Hz	12V / 200 AH
SG0-00160116A	160	110VAC/60Hz	12V / 200 AH
SG0-00240116A	240	110VAC/60Hz	12V / 200 AH
SG0-00240116B	240	110VAC/60Hz	12V / 230 AH
SG0-00240116C	240	110VAC/60Hz	12V / 300 AH
SG0-00240116D	240	110VAC/60Hz	12V / 400 AH
SG0-00260235A	260	230VAC/50Hz	12V / 200 AH
SG0-00260235B	260	230VAC/50Hz	12V / 230 AH
SG0-00260235C	260	230VAC/50Hz	12V / 300 AH
SG0-00260235D	260	230VAC/50Hz	12V / 400 AH
SG0-00130235A	130	230VAC/50Hz	12V / 200 AH
SG0-00160235A	160	230VAC/50Hz	12V / 200 AH
SG0-00240235A	240	230VAC/50Hz	12V / 200 AH
SG0-00240235B	240	230VAC/50Hz	12V / 230 AH
SG0-00240235C	240	230VAC/50Hz	12V / 300 AH
SG0-00240235D	240	230VAC/50Hz	12V / 400 AH

■ FUNCTION SPECIFICATIONS:

■ System Monitor :

- LCD Multi-function display (16 Characters x 2)
- Charge Voltage
- Charge Current
- Charge Power & Accumulative Yielding

■ Digital output : RS-485 port

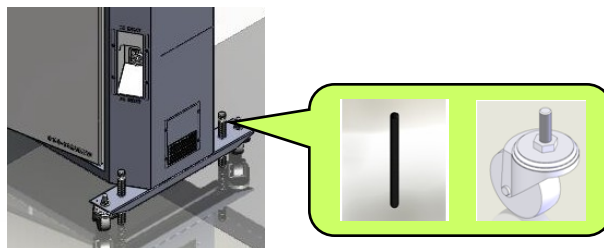
■ Operation temperature : -20°C ~60°C

■ Average Daily Energy Yield (WH) & RESERVE (Ref.) : Model Type SG0-00260116

	ESH=2hrs	ESH=3hrs	ESH=4hrs	ESH=5hrs
Average Daily Energy Yield(WH) (Ref.)	>380 WH	>570 WH	>760 WH	>950 WH
Reserved Battery for No Sun Days (Days / WH) Ref.	7 / 380WH	5 / 570 WH	3.8 / 760 WH	3 / 950 WH

■ Option:

- Locking Caster



Our Missions

Our mission is to provide global customers the CORRECT using of the PV products! With the global climates database and professional analysis, King Enertech understand the suitable products in every customers location and through optimizing the system design and control technology to ensure King Enertech's product running efficiently through the world.

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