



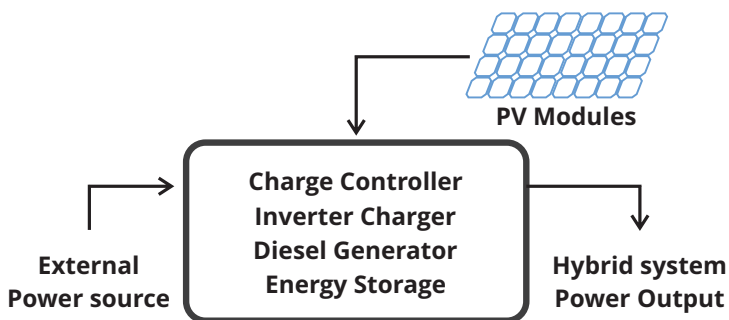
# SOLARGEN 1PH / 3PH HYBRID SOLAR GENERATORS

## Integrated solution for power independency

Solarpower range of Solar Hybrid Power Units enables you to enjoy the low-cost energy generated by the power of the sun, reliability and readiness of the added conventional Diesel Generator (DG), without the high penalty of noise, pollution, maintenance and high cost of using 100% DG. The units are ready to go and require almost zero time for new setups. Units are built for ease of transportation and require very low maintenance. We offer various configurations, both for single phase and three phase systems.

### Applications

- Disaster relief missions
- Temporary and fixed Telecom sites
- Events
- Construction sites
- Secluded Farms
- Industrial sites in remote locations
- Road works
- Emergency power
- Military applications



### Benefits

- Independent Power source
- High Reliability
- Transportable
- Modular
- Very short set up time
- Maintenance Free

### Main Features

- All weather operation
- Fully automatic operation, DG starts on/off if needed.
- Very low fuel consumption (depends on Application)
- Long life design
- Easy Transportation





## Specifications

### Electrical Data

		SPH-15	SPH-30	SPH-50	SPH-100	SPH-300
PV Power rating	KWp	1.3	3.2	5.1	10.2	30
Solar Energy per day @ 5 hr avg	KWH/Day	6.5	16	25.5	25	16
Storage @ 70% discharge	KWH	6	18	30	50	150
System voltage	VAC		230-1PH		230V/ 400V 50HZ	230V/ 400V 50HZ
Max Rated Power	KW	1.6	3	5	10	30
Input Grid Voltage	VAC	230-1PH			400-3PH	

### Diesel Generator Data

	SPH-15	SPH-30	SPH-50	SPH-100	SPH-300
Power Rating	3.5	5	5	10	25

### Mechanical

Size for transportation	SPH-15	SPH-30	SPH-50	SPH-100	SPH-300
20 ft container	1/4	1/2	1	1	2

### General

Safety	EN-IEC 60335-1, EN-IEC 60335-2-29, IEC 62109-1 EN 55014-1, EN 55014-2, EN 61000-3-3, EN 61000-6-3, EN 61000-6-2, EN 61000-6-1
EMI	EN 55014-1, EN 55014-2, EN 61000-3-3, EN 61000-6-3, EN 61000-6-2, EN 61000-6-1
Protection class	IP65
Temperature range	-10 °C to 45 °C
Fuel tank	200 to 2000 Liter
System remote monitoring	Via Internet