

Oasis Containerised Solar Generator 10kW to 60kW in 20' ISO Container

Compact Solar Energy Systems with built-in efficiency

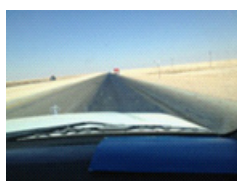
Containerised Solar Generator is a compact & robust unit with a "Redeployable" module mounting aluminium structure. It houses reliable and efficient components to meet highly demanding requirements with greatest efficiency.

When deployed, the PV surface extends beyond the container to capture maximum solar energy. The structure can also be dismantled and stored inside the container ensuring safety during transportation. A compartmentalized section of the enclosure can be utilized as an operator room or to house DG sets.



Defense

Reliable solar power to meet the energy requirements of mission critical defense applications



Remote Applications

Ideal source of energy for areas that are too remote to be supplied by the grid



Disaster Management

Immediate source of power for areas affected by disaster



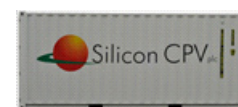
Telecom

Innovative & reliable solar power for mobile applications



Rural Electrification

Clean power for rural areas which do not have access to energy



Oil and Gas

Clean power & remote oil and gas exploration

Specifications	SCPV20-10K	SCPV20-20K	SCPV20-30K	SCPV20-40K	SCPV20-50K	SCPV20-60K
Maximum Power Out Put	10KW	20KW	30KW	40KW	50KW	60KW
Peak Solar Power Input	12KWp	24KWp	36KWp	48KWp	60KWp	72KWp
Average Daily Solar Energy	60KWh	120KWh	180KWh	240KWh	300KWh	360KWh
Battery Bank Capacity	48KWh	96KWh	144KWh	192KWh	240KWh	288KWh
Battery Bank Design Life	5 – 7 Years	5 – 7 Years	5 – 7 Years	5 – 7 Years	5 – 7 Years	5 – 7 Years
Solar Panel Mounting Structure	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Climate Controlled Container Size	20' ISO	20' ISO	20' ISO	20' ISO	20' ISO	20' ISO
Typical Daily Energy Out Put	50KWh	100KWh	150KWh	200KWh	250KWh	300KWh
Typical Load	3KW	6KW	9KW	12KW	15KW	18KW
Maximum Load	6KW	12KW	18KW	24KW	30KW	36KW
Area Required for Installation	100m ²	200m ²	300m ²	400m ²	500m ²	600m ²
Optional Diesel Generator	10KVA	20KVA	30KVA	40KVA	50KVA	60KVA

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Dependable power in demanding environments

Containerised Solar Generator is Scaleable and compact power unit capable of delivering uninterrupted clean power. Ranging from 60kW to 240kW peak power output and an average Solar Energy storage of between 180kWh to 540kWh per day. The Containerised Solar Generator is a quickly deployable, highly insulated temperature controlled environment, ready to use, factory assembled all weather solar power station. It is designed to meet the reliability, durability and efficiency required in demanding projects regardless of their scale, location or environment.

Containerised Solar Generator delivers 24 x 7 uninterrupted power through Solar PV Modules / Battery Bank or Diesel Generator set depending on the availability of Solar source.

Key Features & Benefits

- Ready to use Mobile Solar Power System
- 24 x 7 availability of power
- Easy installation with minimal set-up time and no civil work
- Easily transportable and re-deployable
- Collapsible module mounting structure
- Easily integrates with grid supply and diesel generators to provide a complete hybrid solution.

Quick to Deploy – Easily Transportable – Temperature controlled Environment for Long System Life