

# CONTAINERISED SOLAR GENERATOR 17.7KW / 31KW



No Fuel Cost



Easily Transportable



Environment Friendly

## Dependable Power in Demanding Environments ➤

Containerised solar generator is a compact power unit capable of delivering uninterrupted clean power. Available in 17.7 KW and 31 KW options with an average power output of 70 kWh to 124 kWh per day, containerised solar generator is a quickly deployable, ready to use, factory assembled, all weather solar power station. The entire system is designed to meet the reliability, durability and efficiency required in demanding projects regardless of scale, location or environment.

Containerised solar generator delivers 24x7 uninterrupted power through solar PV modules, battery bank, AC mains or DG set depending on the availability of each source.

## Key Features & Benefits ➤

- Ready to use mobile solar power system
- 24x7 power availability
- Easy installation with minimal set-up time & 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

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## Compact Solar Energy Systems with Built-in Efficiency

Containerised solar generator has a compact & robust structure with a collapsible module mounting unit. It houses reliable and efficient components to meet highly demanding requirements with maximum efficiency.

During use, 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 portion of the enclosure can be utilized as an operator room or to house DG sets or any other customized application.



### Technical Specifications

Model No.	JS-CSG-17.7KW	JS-CSG-31KW
Container Size (Feet)	20	40
PV Module Capacity (KWp)	17.7	31
Power Conditioning Unit (PCU)	240V, 20kVA	240V, 40kVA
Battery Bank (Tubular LMLA / VRLA) @C/10**	240V, 300Ah	240V, 600Ah
Battery Back-up Period**	3 Hrs. at full load	3 Hrs. at full load
Models Available	Off Grid / Hybrid (with DG) / Grid Connected	
Average Energy Output per day (Solar Only)	70 KWh/day	124 KWh/day
Over all dimension without module mm (WxDxH)	6058x2438x2591	12192x2438x2591
Over all dimension with module mm (WxDxH)	8450x4410x5320	14000x11000x6800
Weight in (Tons)	9.6	15.6

\*Technical specifications are subject to change without prior information

\*\*Optional

### Product Applications



**Defence**  
Reliable solar power to meet energy requirements of highly critical defence applications



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



**Disaster Management**  
Immediate source of power for areas affected by disaster



**Telecom**  
Innovative & reliable solar power for mobile tower applications



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



**Oil & Gas**  
Clean power for remote oil & gas exploration sites

## JAKSON ENGINEERS LTD.

A-43, Phase-II Extn., Hosiery Complex, Noida-201305, U.P., India | Tel.: +91-120-4302600, 4526100  
Toll Free No. : 1800 103 2600 | info@jakson.com | www.jakson.com

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