

MOBILE SOLAR GENERATOR

1.7 kWp / 2 kWp



**No Fuel
Cost**



**Environment
Friendly**



**Modular &
Expandable**



**Plug &
Use**

Dependable Power in Demanding Environments >>

Jakson mobile solar generator is a clean, silent and sustainable alternative to traditional power backup products. The generator captures the sun's energy using solar PV Modules, stores that energy in a battery bank and converts it through a solar inverter to AC current that can power homes, remote sites and other emergency energy needs. It comes complete, with fully integrated components, ready to be deployed on-site and instantly providing plug and play solar power. The units are offered in 1.7 KW & 2 KW options as standard and can also be built to customized specifications.

Key Features & Benefits >>

- Compact unit with tiltable and foldable module mounting structure
- Three way power solution - Solar, Battery and Grid
- Instant power generation with easy installation, operation & maintenance
- No noise & emissions
- Robust structure engineered for harsh terrain and severe conditions
- Capable to store surplus power for usage during night
- Single point warranty* for all components

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Technical Specifications

Parameters	Specifications	
	1.7 kWp	2 kWp
Rating	1700 Wp	2000 Wp
PV Capacity	1700 Wp	2000 Wp
Module Type	Polycrystalline	Mono Perc
Module Rating and Qty	280Wp, 06Nos	330Wp, 06Nos
Output Voltage	230V AC	230V AC
Phase	Single Phase	Single Phase
Frequency	50Hz	50Hz
Cooling	Natural	Natural
Operating Temperature	-10°C to 50°C	-10°C to 50°C
MPPT Solar PCU	2 kVA	2 kVA
Battery Bank capacity	48V, 150Ah	48V, 200Ah
Battery Type	LMLA / Tubular GEL	LMLA / Tubular GEL
AC Mains Charging Facility	Yes, 230V AC	Yes, 230V AC
Battery Back-up	2-3 hrs	2-3 hrs
Avg. Energy Output per day** (Solar only)	5-6 kWh	8-9 kWh
Overall Dimension	2700x4000x2700mm	2700x4000x2700mm
Approx. Weight (KG)	780	815

Product Applications



Farm Houses & Bungalows



Small Commercial Establishments



Remote Locations



High Mast Lighting

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