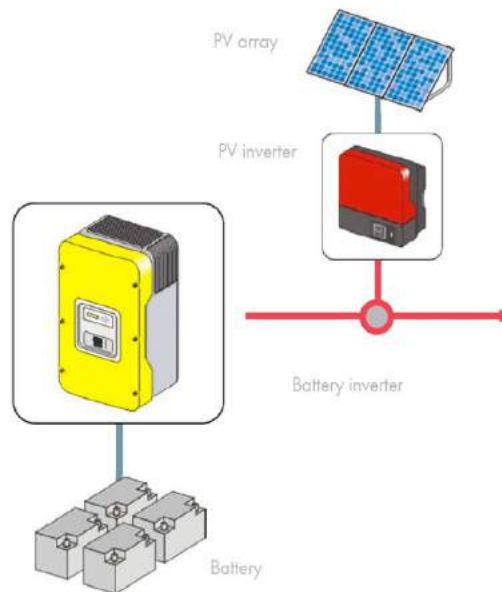


THE POWER HUB SOLUTION

Generating *energy-with-a-purpose*: for solar PV *productive uses* in off-grid locations



Boost your business activities,

GO SOLAR!!



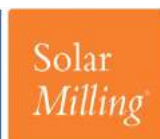
Main features / size specifications:

- Designed as a standard set for off-grid locations. Mini-grid configuration.
- For daily consumption range between 15 to 30 kWh day.
- Sized upon an average of 6kWh/m²/day.
- Based on a load profile with primary loads and secondary loads.
- Primary loads: can be any electrical device of a maximum of 1500W power.
- System can power simultaneously 2 primary loads 6 hours a day 6 days a week.
- Secondary loads: lights, radio, tv, fridge, phone charging, shaving machine...
- Easily expandable.

Main components:

- PV array: 24 solar modules of 300 Wp each. 7200 Wp in total.
- 1-unit PV inverter 5 kW / 230V AC output capacity.
- 1-unit battery inverter 4,6 kW / 230V AC output capacity.
- 24 battery elements 2V, sealed lead type, 1130 Ah capacity (+/- 54 kWh at 48V).
- Main distribution board (AC / DC) with protections, load shedding and meter.

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MAIN LOADS EXAMPLES

AGRO MACHINERY



ELECTRICAL TOOLS



COOKING PLATE



COMPRESSOR



WATER PUMP

