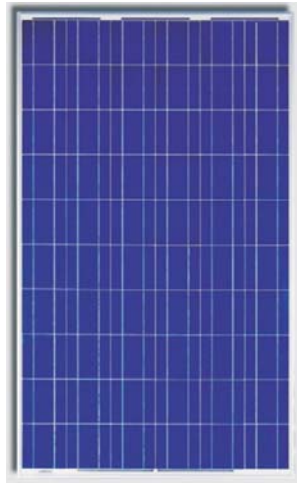


Small 230 VAC single phase off-grid / grid-backup system with

- 200-250 Wp solar panels with MPPT controller
- 500 W high quality Studer AJ Inverter
- for fridge, lights, laptop, TV or other similar small loads.



200-250 Wp solar panel



Optional meter RM-1

Morningstar SunSaver MPPT
5 year warranty.



AC loads

230 VAC, 50 Hz
- Grid power when the grid is available
- Inverter power otherwise

AC Relay



AC Steer signal
when grid available

AC Out

FUSE

Studer AJ500-12 Inverter

Self consumption: - 4,6 W when ON, 0,4 W in standby.
400 W continuous, 500 W for 30 minutes, 1000 W for 5 seconds
5 years warranty.

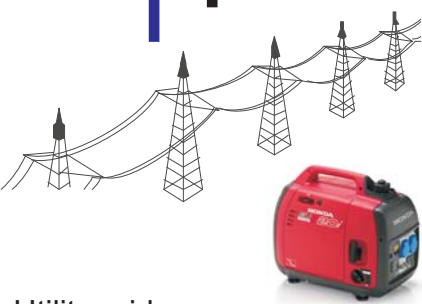


FUSE

+



CT-Leader AGM
Deep cycle battery
12 VDC, 200 Ah
> 500 deep cycles, 50% DOD
10-12 year EuroBat classification



Utility grid or
optional generator

System grounding not shown