



SolarBox 200 AC

Robust and powerful off-grid photovoltaic system with integrated pure sine wave inverter, made in Switzerland. Ideal for applications where several operating hours of e.g. lights, radios, television or medicinal cooling is required, in buildings, cars or boats.

Advantages:

- **Ease of use:** Plug and Play, ready for operation after plug in of the photovoltaic-module
- **Robustness:** Developed to withstand harsh climatic conditions, solid stackable aluminum design guarantees no damage to internal electronics even under large mechanical loads
- **Quality:** All connectors protected against water and dust. Inside the SolarBox a fully encapsulated industrial charge controller guarantees the optimum performance of a maintenance-free, sealed solar gel-battery for many years
- **Modular:** Possibility to extend the system by connecting additional SolarBox or photovoltaic-modules in parallel
- **Flexibility:** Possibility to connect an external battery charger
- **Mobile**

Features

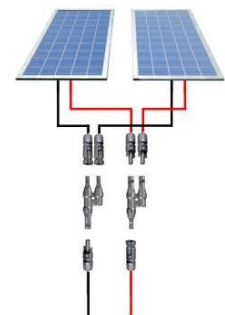
System voltage: **12 V_{DC} / 230 V_{AC}** | Photovoltaics: **130 W_p** | Battery: **2400 Wh** | Inverter: **200 W** |
Weight: **85 kg** | Guarantee: **2 Years**



Technical Specifications

SolarBox 200 AC	
System voltage	12 V _{DC} / 230 V _{AC}
Battery technology	Maintenance free solar gel battery
Battery capacity	2400 Wh 200 Ah C10 12 V
Max. PV input	300 Wp
Inverter	Studer Innotec (CH)
Continuous power	200 W
Charge controller	Morningstar (USA)
Max load	20 A _{DC}
Weight of SolarBox	85 kg
Dimensions of SolarBox	0.78 x 0.34 x 0.35 m
Connectors	1 x PV-In (polarity protected) 1 x In / Out battery direct (polarity protected) 2 x Out 12 V cigarette lighter connector 1 x Out 230 V _{AC}
Extension possibilities	Yes, modules or Solarbox
Charger connection	Yes / external
Protection	Safety and protection to Swiss standards. Low and high voltage protection, low voltage reconnect, overheating-, overload- and short circuit protection, RCD-protection
Photovoltaic-Module (external)	
PV-Module (Standard)	130 Wp (poly-Si, made in Germany)
Weight	12.5 kg
Dimensions	1.49 x 0.67 x 0.04 m
Cable	Double coated Radox solar cables 4mm ² , 6 m
Guarantee	
SolarBox	2 years
Charge controller	5 years
PV-Module	7 years / 26 years performance
Inverter	2 years

Paralleling



Accessories



Mounting systems



Chargers

Off-Grid solutions made in Switzerland



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