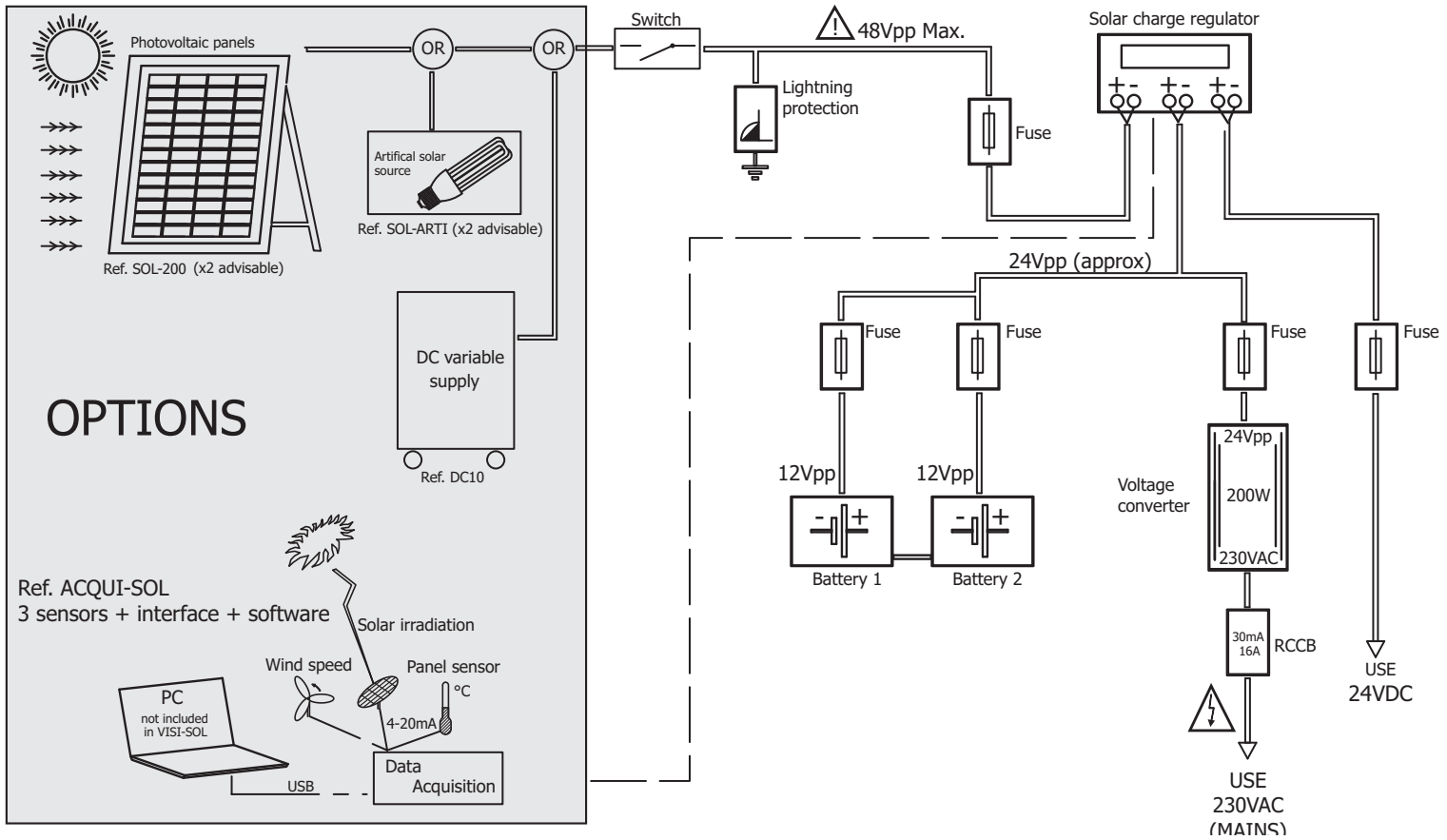


Photovoltaic kit for isolated site



Kit of photovoltaic components for studying a solar installation on isolated site.

The kit comprises

- 2 sealed solar batteries 12VDC -12Ah.
- 1 photovoltaic switch 0/1 - 32A/500VDC - 3-pole.
- 1 pure sine-wave voltage converter with power 300W. input voltage from 20 to 32VDC and output voltage 230VAC-50Hz.
- 1 lightning arrester 500VDC
- 5 photovoltaic fuse holder 1000VMax. 2-pole. 10x38mm
- 12 photovoltaic fuse cartridges gPV 1000V. 10x38mm
- 1 Solar charge regulator with LCD. Max current 20A. Operating voltage 12V or 24V with automatic recognition. Input voltage area from 6.9 to 17.2VDC and from 17.3 to 43VDC. Front pushbuttons for displaying the voltage and current of the charge in the battery and in the use circuit. Solar panels input 48VDC Max. Minimum battery voltage 6.9V.
- 1 residual current circuit-breaker 30mA-16A two-pole.
- 1 set of 10mm² connection terminals
- 1 set of photovoltaic connectors 4-6mm²
- 1 sheet of 10 photovoltaic labels showing different safety operations
- 1 file on CD: detailed instructions for each component, cabling diagram and practical assignments.
- Works with photovoltaic panels with voltage between 18 and 50VDC



OPTIONS

- Ref. SOL-200** (2 panels recommended) Photovoltaic panel 200W on tilting foot with device for measuring the tilt angle (description P.136)
- Ref. SOL-CAB30** Connection cable for photovoltaic panels 30m 3G6mm²(description P.136)
- Ref. ACQUI-SOL** Interface with 3 sensors and acquisition software to read the installation's electrical characteristics. (description P.127).
- Ref. DC10** Power supply DC 0 - 220 volts - 10A protected. Simulates the panels. (description P.137).
- Ref. SOL-ARTI** Source of artificial sunlight. (description P.134).
- Ref. HABITAT-3** Load panel for use on isolated site. (description P.125)