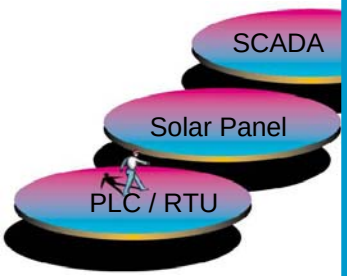
AutoLog® Solar Panel System 10W – 3 days autonomy

SOPHISTICATED®AUTOMATION

Solar Panel System 10W – 3 days automomy

High quality solar panel systems for RTUs, instruments etc. Outside the power grid. Harsh weather conditions.

Different power, battery and load voltage versions and options. Ask more!



Wireless
Telemetry

Introduction

FF-Automation can offer different solar panel systems combining the highest quality components. Solar panel systems can be used to generate power to e.g. RTU systems and field instruments when power grid is not available.

PV Solar Module

Type	SM500S
Peak power	130Wp
System voltage	12VDC
Average dayly output in summer Average dayly output in summer (In germany	500Wh/d
Number of cells	36 pcs
Dimensions (mm)	1500 x 680 x 35
Weight	12.1kg

PV Battery Charge Controller inc. Load Controller

Type	ProStar PS-15
Rated solar current	15A
Rated load current	15A
System voltage	12/24VDC
Battery	3-position battery select: gel, sealed or flooded
Expansion	Parallel up to 300 Amps
Temperature Compensation	Yes
Current conmensated low voltage disconnect	Yes
Power consumption	22mA / 25 mA (12VDC / 24VDC)

Battery

Type	AST80, 80Ah, 12VDC
Technology	Sealed 12V GEL – lead acid battery
Applications	SLI, motive power, stand-by power
Water consumption	Complete maintenance free, Do not open plugs!
Plugs	Safety vent plugs M18
Expansion	Parallel up to 300 Amps
Weight	Approx. 27kg
Dimenssions (mm)	353 x 175 x 190(h)

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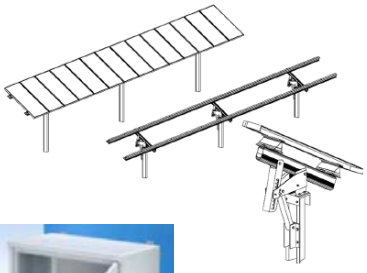
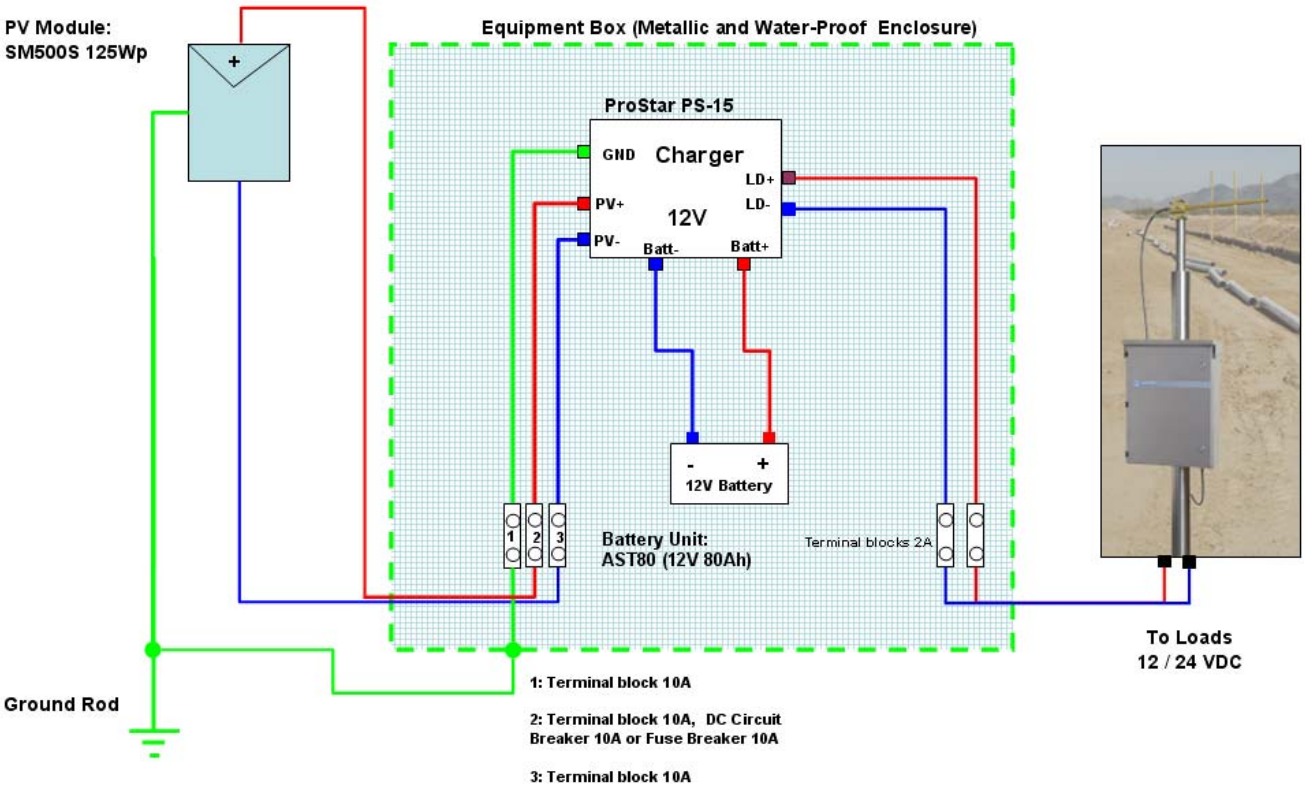
Support Structure for 1 module

Material	Module carrying system: Aluminium Fundaments: Steel, hot-dip galvanized
Statics	DIN 1055, part4, Eurocode 1, DIN1055 part5
Construction	Highly adjustable to make the mounting as easy as possible. Cost saving integration of lightning protection systems



Hardware enclosure

Enclosure	Hardware Enclosure for battery and controller. Note! Can be also inside the RTU enclosure.
Material	Aluminium 2.0mm
Dimensions (mm)	400 x 350 x 250
Mounting	Wall or pole mount
Protection class	IP55



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