



**AutoLog® Solar Panel System 30W – 3 days autonomy**

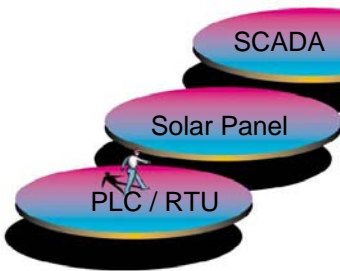
S O P H I S T I C A T E D ® A U T O M A T I O N

**Solar Panel System 30W – 3 days autonomy**



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!



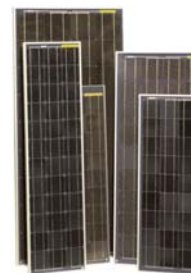
*Wireless Telemetry*

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



**PV Battery Charge Controller and Load Controller**

Type	TriStar-45
Rated solar current	45A
Rated load current	45A
System voltage	12/24/48 VDC
Battery	3-position battery select: gel, sealed or flooded
Expansion	Parallel up to 300 Amps
Temperature Compensation	Yes
Power consumption	<20mA
<b>Load controller</b>	ProStar PS-15



**Battery**

Type	AST210, 210Ah, 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
Weight	Approx. 70kg
Dimensions (mm)	518 x 276 x 242 (LWH)



AutoLog Solar Panel System

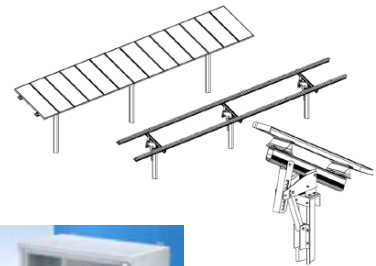
THE AUTOLOG® FAMILY  
 AUTOLOG®PLC AUTOLOG®GSM AUTOLOG®OEM  
 AUTOLOG®RTU AUTOLOG®TETRA AUTOLOG®HMI



## AutoLog® Solar Panel System 30W – 3 days autonomy

### Support Structure

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

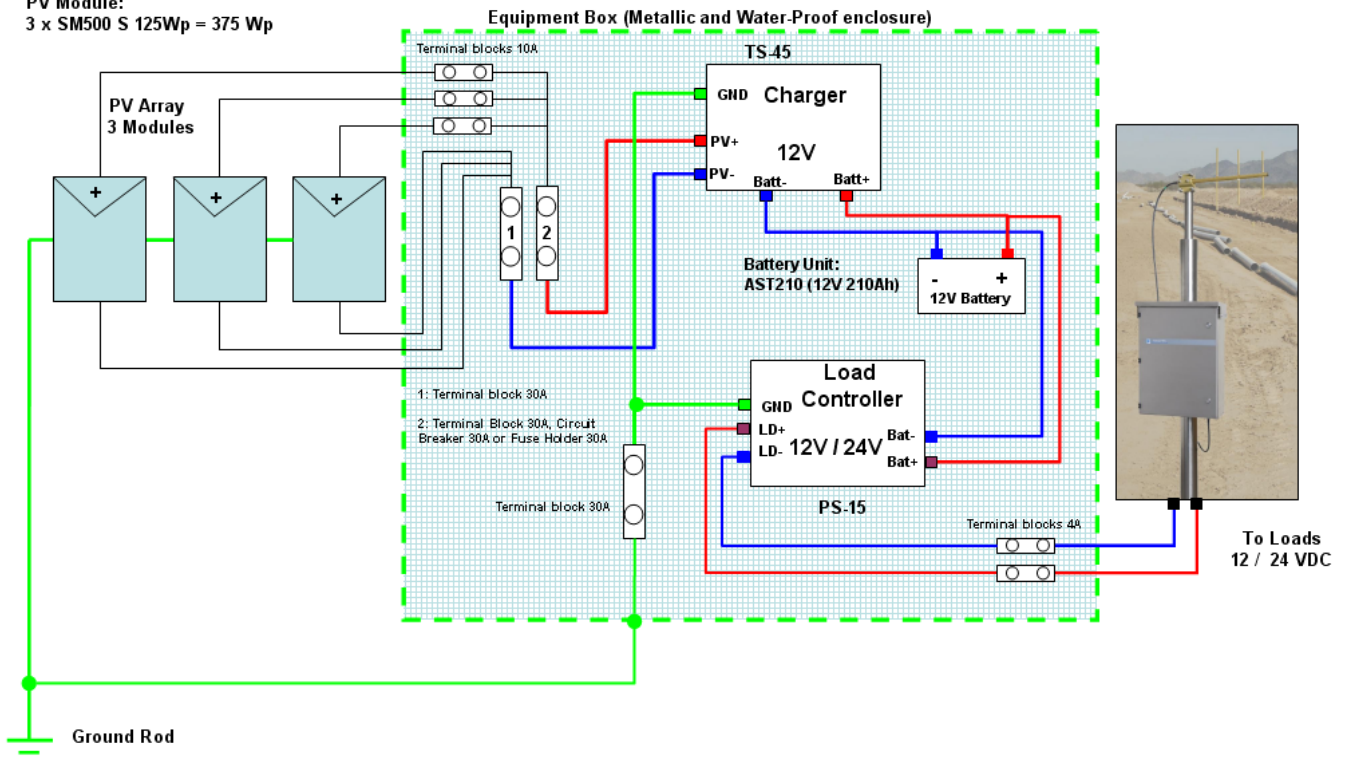


### Hardware enclosure

Enclosure	Hardware Enclosure for battery and controller. Note! Can be also inside the RTU enclosure.
Material	Aluminium 2.0mm
Dimensions (mm)	WHD 580 x 450 x 350
Mounting	Wall or pole mount
Protection class	IP55



**PV Module:**  
3 x SM500 S 125Wp = 375 Wp



[WWW.FF-AUTOMATION.COM](http://WWW.FF-AUTOMATION.COM)



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