

Custom solar power system

Solar panel, battery, controller and mounting package sized to your display and site.

Updated 08 October 2026. Image shows an example configuration.



Technical specifications

Parameter	Specification
System configuration	Custom solar or hybrid package for the selected AGNS radar display
Panel options	50 W / 100 W / 200 W standard options; other wattages to requirements
Battery options	LiFePO4, lead-acid or specified chemistry; capacity sized for required backup
Charge controller	MPPT recommended; PWM where suitable; matched to panel and battery
Output integration	Regulated 5 V LED and 9-24 V radar rails; camera supply or PoE where fitted
Structure & housing	Mounting structure, fittings and weatherproof electronics housing selected for the site
Design ambient	-20 to +70°C; battery charging and component limits apply
Dimensions & weight	Defined by the selected panel, battery and mounting arrangement
Selection criteria	Measured energy demand, operating hours, shading, seasonal sunlight and backup duration
Supply & support	Mounting and installation accessories included; installation and maintenance available; one-year warranty

Configuration notes

Panel wattage and battery capacity are selected for the actual load. The examples in the source datasheet are sizing illustrations, not measured AGNS product consumption or guaranteed backup times.

The 5 V 60 A LED supply has 300 W rated DC capacity. Actual consumption must be measured. LiFePO4 charging at low temperatures requires suitable protection.

Connectivity, mounting and documentation requirements are agreed for the supplied configuration.

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