

Large-Displays

Large-Display-Units for PV-Systems and other Applications

Do you have a solar system on your roof or at another place which is not easy to reach? And would you like to present this expensive investment to your visitors, but can't because nobody can see it on the roof or wherever it is?

Do you want to show your visitors how much energy is being produced by your solar system at the moment without running down the stairs into the cellar and reading out the electricity counter?

Or do you simply have a demand for a representative display at the entrance area of your company, your office, your school or your private home? The possible applications are infinite.

We will provide the right tool to you to present your investment to the public. With an HvG Large Display Unit you can show your visitors exactly the most interesting values and features of your PV-system and - if required - also other practical information.



Individual Design

Our display units can be designed according to your wishes when it comes to size and front layout. We can realize every possible layout and offer the possibility to show any other values besides the values from the PV-system (if technically possible).

Interface Choice

For communication with our displays we offer RS232/RS485 interfaces, S0-Interface (Pulse-interface) or even a wireless DECT interface which enables the display unit to operate free of data cables for about 300m outside or 50m inside of buildings. The protocol of the RS232-interface has specially been designed to communicate with the dataloggers of the Sunny Boy Control line built by SMA. The S0-Interface can be used to connect the display unit to any kind of Solar-system independent of the inverter or datalogger which is working in it. In this case an electricity counter with a pulse-output (S0-Interface) will drive the display. The microprocessors of the display unit will generate the required data from the incoming pulses of the counter.

Modular Design

Single modules with either 4 or 6 digits can be put together to large display units according to the customers requirements. Beside the standard parameters such as output power in kW and total energy yield in kWh further parameters can be shown on the custom tailored display. The cases of our display units are made of solid aluminium profile according to industry standards. They have IP65 and are therefore suitable for outdoor applications. They are normally wall mounted but can also be delivered with wall or floor mounted racks / stands.

Model Variety

The standard digit sizes are 57 mm and 100 mm - while any other larger size can be delivered upon customer request. The display is mounted either in an aesthetic standard case or in a customized version with customer specific colors and labeling in any desired language.

Technical Data

Display-Type: LED, red
 Heights of digits: 57mm, 100mm
 Interfaces: RS232, RS485, S0 (Pulse), Wireless(DECT)
 Case: Aluminium, IP65
 Dimensions of the Standard-Version: 667x517x115
 Weight of the Standard-Version: appr. 18 kg Available
 Accessories: Mounting Systems, Customised labelling

Your distributor: