



Data sheet
Powador-piccoLOG

Powador-piccoLOG.

The auto-learning data logger system.

This monitoring and control unit is suitable for photovoltaic systems from 1 to 15 kWp and for a maximum of three inverters. The data logger is easy to configure and commission. The Powador-piccoLOG uses an intelligent algorithm to detect faults and deviations from normal operation during run time and provides operator information with the integrated status lights. Acoustic alarms can also be set. The fault memory can be read out for analysis and configuration with a USB connection to a computer. The unit can be connected to the internet over Ethernet for convenient evaluation and analysis of operating data in the Powador-web Public internet portal. The Powador-piccoLOG with its digital-in interface and the power control function enables implementation of power control in accordance with the latest revision of the German Renewable Energy Act (EEG 2012). This reduces the possibility of yield losses resulting from inverter restriction to 70% of the installed DC power.

Features

- Records system production
- Intelligent algorithm, which also detects partial system failures
- Visual and acoustic fault alarms
- Graphical evaluation in the Powador-web Public portal
- Detailed operational guidance possible with the Powador-web Profi portal

Benefits

- Economical base package
- Very easily commissioned
- Automatic fault detection
- Also usable locally without internet connection
- Yield assured with data analysis in the Powador-web portals

Powador-web Public

- Clear, up-to-the-minute view of yield and environmental information
- Performance evaluation for fast yield monitoring
- Can be integrated into public internet sites and social networks
- Customisable view



Electrical Data	Powador-piccoLOG
Input	1 x RS485/RS422 2 x RS232 1 x Digital-In (4 digital inputs) Ethernet Micro-USB
Supply voltage	DC 24 V
Power consumption	typically 1 W, max. 9,2 W
Bus termination	integrated (cannot be switched off)
Mechanical Data	
Ambient temperature	0 °C ... +55 °C
Protection rating	IP21
H x W x D	107 x 152 x 37 mm
Weight	203 g

EN 500089-03-120605

Powador-piccoLOG

Flexible application

Records inverter and system data

Auto-learning algorithm for automatic fault detection

Comprehensive evaluation and visualisation with the Powador-web (optional)

Economical monitoring of small systems

Your retailer

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