



Photovoltaic inverter data message format

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Title: Photovoltaic inverter data message format

Generated on: 2026-06-11 23:08:19

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This document describes the Modbus TCP communication interface specification for photovoltaic inverters manufactured by Toshiba Mitsubishi-Electric Industrial Systems Corporation.

This document applies to the communication between the Ginlong/Solis PV grid-connected inverter and the host computer monitoring software, consistent with the MODBUS RTU protocol.

The following SMA data formats describe how SMA data is to be interpreted. The data formats are used, for example, for the display of data or for its further processing.

Please calculate the real frame data length based on the fact that 1 register unit contains 2 bytes, 32 Bit integer contains 2 register units, and 16 Bit integer contains 1 register unit.

4.2 Obtaining Real-time Data of Optimizers Data synchronization mechanism: five-minute interval no filter condition. For details, see 6. Data storage: stores real-time data at five-minute intervals. File

MODBUS was originally developed for use with serial communications interfaces such as RS-232 and RS-485, MODBUS/TCP communications over TCP/IP has become a standard because of the ease

The objective of this Guide is to describe the CL36 inverter's Modbus communication capability and how its implementation can quickly and easily interface the inverter with any third-party Modbus

This document outlines the MODBUS RTU communication protocol for a three-phase energy storage inverter, detailing its physical interface, data frame format, and error handling. It specifies the

Data Consists by two different hexadecimal number systems, range 00H~FFH. It made up of RTU character according to the network transmission mode.

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