

SolarInnovate Energy Solutions

Communication base station inverter grid-connected equipment installation tool



Overview

Which MV inverters connect to the grid?

The MAX series, 50-80KTL3 LV inverters connect to the grid like following drawing 3.5, 60-80KTL3 MV inverters connect to the grid like following drawing 3.6. 400V 0V 4 230V 230V 230V 480V 80V 80V.

How to connect a PV inverter to the AC grid?

If the cable of other gauge is selected, different pre-insulated end ferrule is needed and provided by the installers. 3) The AC output (L1/L2/L3/N) cables of the PV inverter are connected to the AC grid through the 4 pole AC breaker to make sure the inverter can be safely disconnected from the AC grid.

What is the operation password for inverter?

The operation password is : inverter+date, for example inverter20170722. 3>Parameter: user can see device SN, rated power, firmware version, PV1 voltage, current, and power etc.

How does a PV inverter enter standby mode?

(3) Standby mode, as shown in Figure 6-3: The inverter will enter standby mode when the output voltage and power of PV modules do not meet the startup conditions or PV voltage and input power are lower than the set value. The inverter will check automatically whether it meets the startup conditions in this mode until it turns back to normal mode.

How a grid connected PV system works?

In a large grid connected PV system the array could consist of a number of sub-arrays. A sub-array comprises a number of parallel strings of PV modules. The sub-array is installed in parallel with other sub-arrays to form the full array. The effect of this is to decrease the potential fault current through different parts of the system. array.

Can I put the inverter into operation before the system complies?

Putting the inverter into operation before the overall system complies with the national rules and safety regulation of the application is not permitted. When the inverter completes “sys checking”, LCD shows the screen as Figure 4-1 below. Press ENTER to the standard selection interface, as shown in Figure 4-2.

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LPSB48V400H
48V or 51.2V



Grid-Connected Inverter Installation and Operation Manual

Apr 25, 2024 · inverter has integrated export limitation functionality. To use this function, a CT must be installed, if use the CT, please reference below picture. The CT should be fitted ...

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