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# Switchboard R-FVE-A1



R-FVE-A1

AC+DC switchboards designed for wall mounting, IP65, are used to operate a three-phase photovoltaic power plant in combination with a switch (typically a GoodWe 4 to 10K-ET inverter). Its advantage is manual transfer from the grid to the backup. It is necessary to control the load during a power out...

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## PRODUCT DESCRIPTION

AC+DC switchboards designed for wall mounting, IP65, are used to operate a three-phase photovoltaic power plant in combination with a switch (typically a GoodWe 4 to 10K-ET inverter).

Its advantage is manual transfer from the grid to the backup. It is necessary to control the load during a power outage to avoid overload after switching the switch, because its function switches the entire house to the inverter backup.

The undisputed advantage is the minimal intervention in the customer's switchboard - Smartmeter (inverter measurement), the common breakdown point and all fuses are part of this switchboard. So, it is enough to make a loop between the main switchboard and the location of the technology.

Note: Smartmeter is not part of the AZ TRADERS sro delivery. If the customer supplies Smartmeters, we are able to install them in the switchboards.

The switchboard also has a crisis disconnection of the HDO inverter (N0%). The R-FVE-B1 switchboard is designed for a main circuit breaker in a column of maximum 40 A. R-FVE-A1 (A2) also contains DC fuse disconnectors and surge arresters (A1 one for one string, A2 for two strings). There is a slight time delay when switching (contactor switching) - so it is not a fail-safe backup solution.