

VarioString vs70 120 Studer

What is the voltage limit for a variostring vs-120 VS-70?

Studer Innotec SA VarioString In any case, the VarioString will limit the charging current (battery) to its rated current of 120A for the VS-120 or 70A for the VS-70. 4.3.4 Safe use of the photovoltaic modules The VarioString is meant for PV generators supplying up to 600V(900V in series). This voltage is dangerous for human beings.

How does the variostring vs-120 work?

When the VarioString is connected to batteries and photovoltaic panels, it automatically recharges batteries in an optimum way with all the available solar power. The VarioString VS-120 can be connected to two strings of PV modules in different configurations (series, parallel, or independent).

What is the variostring family?

The VarioString family consists of 2 models of MPPT solar charge controllers with 70A or 120A battery charge current for 48V batteries.

What is the efficiency of the variostring?

Despite the conversion from a high voltage solar (600-900V) to 48V battery voltage, and galvanic isolation between the PV and battery, the VarioString achieves an efficiency $>98\%$: the highest efficiency in the world in its category.

How many strings can a vs-120 be connected to?

The VarioString VS-120 can be connected to two strings of PV modules in different configurations (series, parallel, or independent). This configuration flexibility allows the user to optimise their installation.

Does the variostring VS-70 have an external cooling fan module?

The VarioString VS-70 is supplied with an external cooling fan module (ECF-01). This module can be installed before or after mounting the VarioString VS-70, on the wall. This fan has a degree of protection IP54 and can be exposed to water spray without damage.

MPPT regulátor nabíjení; Studer Vario String VS-40 je vhodný pro FV kapacitu do 4,2 kW a nabíjení baterii proudem o maximální hodnotě 70 A. SolarEco - fotovoltaický ohřev vody. ... - Rozměry: ...

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