

What is a Multiplus inverter?

The MultiPlus, as the name suggests, is a combined inverter and charger in one elegant package. Its many features include a true sine wave inverter, adaptive charging, hybrid PowerAssist technology, plus multiple system integration features. The MultiPlus will prevent overload of a limited AC source, such as a generator or shore power connection.

What's new in a Victron energy storage system?

The robust MultiPlus-II is the key component in a Victron Energy Storage System. Our new Dynamic ESS feature takes ESS to the next level. It automatically switches between - or combines - grid, battery and solar energy based on live-pricing, predicted energy-use and solar yield so it's always consuming the cheapest energy.

What is a Multiplus-II inverter/charger?

The MultiPlus-II is a multifunctional inverter/charger with all the features of the MultiPlus, plus an external current sensor option which extends the PowerControl and PowerAssist function to 50A resp. 100A. The MultiPlus-II is ideally suited for professional marine, yachting, vehicle and land based off-grid applications.

What is the voltage range accepted by the Multiplus-II?

Voltage range accepted by the MultiPlus-II. The MultiPlus-II synchronises within this range with the AC input. The output voltage is then equal to the input voltage. The standard lower limit setting of 180V is intended for connection to a weak mains supply, or to a generator with unstable AC output.

How to increase the output voltage of a Multiplus-II generator?

The solution is to increase the lower limit setting to 220VAC (the output of AVR generators is generally very stable), or to disconnect the inverter/charger from the generator when a generator stop signal is given (with the help of an AC contactor installed in series with the generator). Output voltage of the MultiPlus-II in battery operation.

What voltage is required to connect a Multiplus-II to a grid?

To enable grid connection, a resistance of between 5kOhm and 16kOhm must be present between the terminals of port AUX1 (marked + and -). The MultiPlus-II will disconnect from the grid in case of an open circuit or a short circuit between the terminals of port AUX1. The maximum voltage that may be present between the terminals of port AUX1 is 5 V.



MultiPlus 2 3 kVA Victron Energy

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