



The primary Case ground connection from a inverter charger like a MultiPlus, must be connected to the Central Negative Busbar of the DC system. Size of this cable can be one size smaller compared to its total connected DC negative per device (ABYC).

With Power assist the MultiPlus can add 1.3 KW to the output load when needed. Together with the adjustable 16A input this all adds up to the max sum of input and output current of $16+4.3=20.3$ A. An Earth leakage device with breaker or a combi MCB/RCD must be installed on the output. Other items will be listed in the following sections.

Recommended DC cable/fuse size MultiPlus

0-5 m cable length: 35SQmm

Cable length stands for the total distance between the battery connections plus and minus and the MultiPlus connections ! Recommendations are without other loads in the system and these also should be taken into account for proper main battery, main fuse & main switch cables !

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Recommended AC In cable/breaker size MultiPlus
AC IN must be protected by a circuit breaker rated at 16A max or less.
This depends heavily on the size of the connected power source. The input current must be adjusted to fit the size of the connected power source.
The breaker and cable size for AC IN should be indicated on the label.

WARNING
VOLT IS EXTREMELY HAZARDOUS
NOT TOUCH ANY LIVE WIRED
PARTS OF THE INSTALLATION !
WHEN IN DOUBT, ALWAYS CONSULT
YOUR VICTRON DEALER !

en operating in inverter mode, Neutral output of a inverter/charger must be connected ground to guarantee proper functioning of a GFCI or RCD device. In case of a split phase supply the Neutral also must be bonded.