



IMPORTANT INFORMATION !

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

The primary Case ground connection from a inverter/charger like a Multi or a Quattro, must be connected to the Central Negative Busbar of the DC system. Size of this cable must be identical to connected DC negative.

IMPORTANT INFORMATION !

Recommended AC Out-1 cable/breaker size Quattro

With Power assist the Quattro can add 5kW to the output load when needed. Together with the adjustable 100A input this all adds up to the max sum of input and output current of 100A+2x40A.

An Earth leakage device with breaker or a combination MCB/RCD must be installed on the output. Cable size must be adjusted accordingly.

IMPORTANT INFORMATION !

Recommended AC Out-2 cable/breaker size Quattro

AC Out-2 only is available when power is present on AC IN-1 or AC IN-2. During battery operation it will be disconnected. AC Out-2 supports up to 50A and is adjustable.

An Earth leakage device with breaker or a combination MCB/RCD must be installed on the output. Cable size must be adjusted accordingly.

IMPORTANT INFORMATION !

Recommended DC cable/breaker size Quattro

5-6 m cable length; 4 x 120Sqm

Cable length stands for the distance between the battery connections and the Quattro 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 !!!

Fuse size should be 1 x 800A or 2 x 400A.

IMPORTANT INFORMATION !

Recommended AC IN-1 & AC IN-2 cable/breaker size Quattro

AC IN-1 & AC IN-2 both must be protected by a circuit breaker rated at 100A max or less. This depends heavily on the size of the connected power source !!! The input currents must be adjusted to fit the size of the connected power source. The breaker and cable size for both AC IN-1 & AC IN-2 should be adjusted accordingly.

WARNING

120 VOLT AC IS EXTREMELY DANGEROUS !!! DO NOT TOUCH ANY LIVE WIRED PARTS OF THE INSTALLATION !!! WHEN IN DOUBT, ALWAYS CONSULT YOUR VICTRON DEALER !!!