An Earth leakage device with breaker or a GBFIC or RCD device to prevent ground loops.

In case of a split phase supply the Neutral also must be connected.

The VE.Bus BMS is enlarged visible in this drawing.

Keep positive battery cables all as short as possible and all at the same length!

Start Battery

2 x Lithium 12.8V-300Ah
Smart LiFePo4

Central Battery Buffer

Starter Battery

2 x Lithium 12.8V-300Ah
Orion-Tr Smart

BUSBAR

MPPT +

Accordingly.

On the output. Cable size must be adjusted accordingly.

Together with the adjustable 100A input to the output load when needed.

Recommended DC cable/fuse size Quattro

Recommended AC Out-2 cable/breaker size Quattro

When in doubt, always consult your Victron dealer!