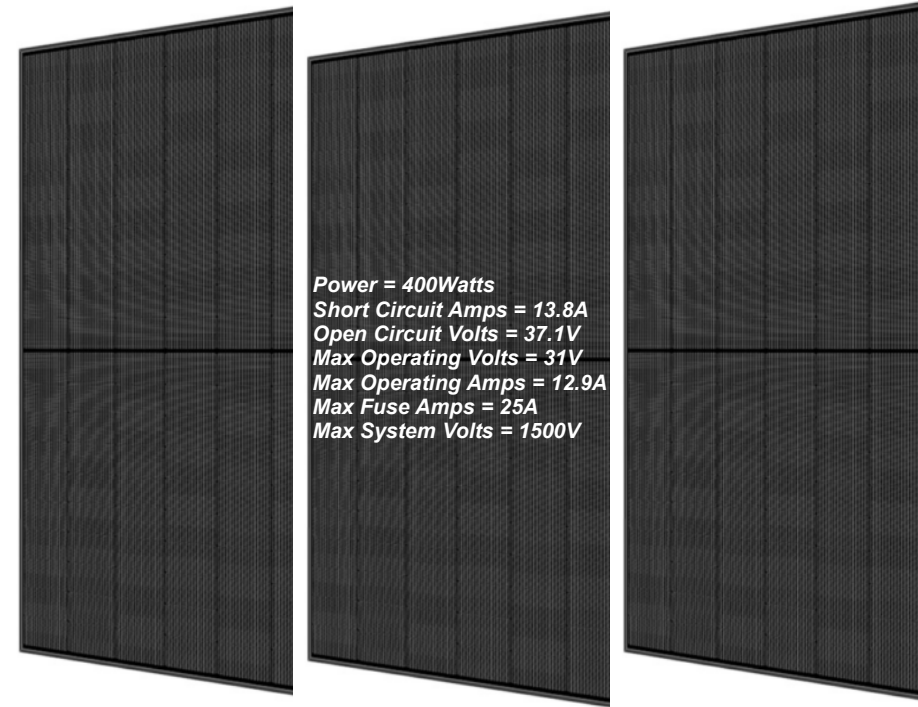


Victron Energy SmartSolar MPPT Tr VE.Can 150V 85 amp
12/24/36/48-Volt Solar Charge Controller (Bluetooth)



3 Solar PV in Series (1200watts, 93Volts, 12.9Amps)



Power = 400Watts
Short Circuit Amps = 13.8A
Open Circuit Volts = 37.1V
Max Operating Volts = 31V
Max Operating Amps = 12.9A
Max Fuse Amps = 25A
Max System Volts = 1500V

48V



Victron Energy Orion-Tr IP43 48/12-Volt 30
amp 360-Watt Isolated DC-DC Converter



Parallel (12V, 90A)

4, 12V 280AH, LifePO4 Batteries with integrated BMS in Series (48V)

48V



Victron Energy MultiPlus-II
48/5000/70-95 48VDC 120VAC
5000W Inverter 70A Charger



DC Distribution Panel (12V, 100A)