



victron energy
BLUE POWER

DATA SHEET

INVERTERS



Multiplus



Quattro

Victron is a leading premium Inverter charger engineered in Netherlands. Three models are available: Victron Multiplus Inverter/Charger 800VA – 5kVA, Quattro Inverter Charger 8kVA and 10kVA and Easy Solar 2kVA and 3kVA. All inverters with digital multi control panel can be used for power backup application, or for solar off grid application as well as grid connected PV and other alternative energy sources. Options available as follows;

Multiplus AC/AC inverters feature two AC outputs. In the power back up application, the inverter/charger takes over the power supply to the connected loads in the event of a grid failure or when the generator power is disconnected. This happens in less than 20 milliseconds enabling computers and other electronic equipment to operate without disruption. The second AC output is live only when AC is available in one of the inputs of the inverter.

Quattro AC/AC Inverter also has two AC inputs but with integrated transfer switch for connecting to two independent AC sources, for example the public grid and a generator or two generators, and will automatically connect to the active source. It allows load that are not backed up e.g water heater to be connected directly. Victron inverters offer virtually unlimited power thanks to parallel operation. Upto 6 inverters can operate in parallel. For example, six units of Quattro 48/10000/140 inverters, will provide 54kW / 60kVA output and 840Amps charging capacity.

Victron Inverters can also provide three Phase capability, since three units can be configured for three phase output. Additional features include On-site Monitoring and control, Remote Monitoring and control and remote configuring.

The inverters are also protected against output short circuit, overload, battery voltage too high, battery voltage too low, high temperature, 230 VAC on inverter output, input voltage ripple too high.

TECHNICAL FEATURES

Model	MultiPlus 800VA/ 12VDC Inverter	MultiPlus 2000VA/ 24VDC Inverter	MultiPlus 3000VA/ 24VDC Inverter	MultiPlus 5000VA/ 48VDC Inverter	Quattro 8000VA/ 48VDC Inverter	Quattro 10000VA/ 48VDC Inverter
Output Power (VA/W)	800/700	2,000/1,600	3,000/2,400	5,000/4,000	8,000/6,500	10,000/8,000
Peak Power(W)	1,600	4,000	6,000	10,000	16,000	20,000
DC Input Voltage (Nominal/Range)	12VDC (9.5VDC- 17VDC)	24VDC (19VDC-33VDC)		48VDC (38VDC-66VDC)		
AC Output Voltage/Frequency (nominal)	230VAC/50Hz					
Output Wave	Pure Sinewave					
Maximum Charging Current (A)	35	50	70	110	140	
Auxiliary Output	N/A				50	
Programmable Relay	DC Under Voltage or Genset Start/Stop Function, AC rating: 230V/4A DC Rating: 4A upto 35VDC, 1A upto 60VDC					
VE Bus Communication Port	For parallel and three phase operation, remote monitoring and system integration					
Efficiency, Normal Mode (%)	92	94		95	96	
Unit Gross Weight (Kgs)	10	12	18	30	41	45
Inverter Dimensions (HxWxD)	375x214x110	520x225x125	362x258x218	444x328x240	470x350x280	470x350x280

Power ratings @ 25°C

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