






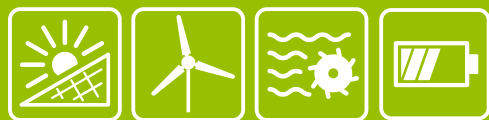


Plug'n'play PV Off-Grid Power System
Quattro Power AC NEW

-  PV power up to 30kWp
-  Inverter power up to 24kW
-  Lead-acid or lithium batteries
-  Dedicated grid support
-  Dedicated genset support



- All-in-one control cabinet
- High-end components
- Fail-safe installation
- Easy and reliable operation
- Maintenance-free
- Highest safety level
- High degree of protection (IP54)
- Detailed monitoring & datalogging
- 5 years product warranty





Quattro Power AC

Plug'n'play PV Off-Grid Power System

The Smart Solution!

The **Quattro Power** all-in-one control cabinets are designed for independent AC power supply by means of PV energy. German manufacturing and the use of high-grade components guarantee a superior quality standard.

The **Quattro Power** systems are fast and easy to install thanks to their plug'n'play design. They are compatible to traditional lead-acid batteries and various lithium battery modules.

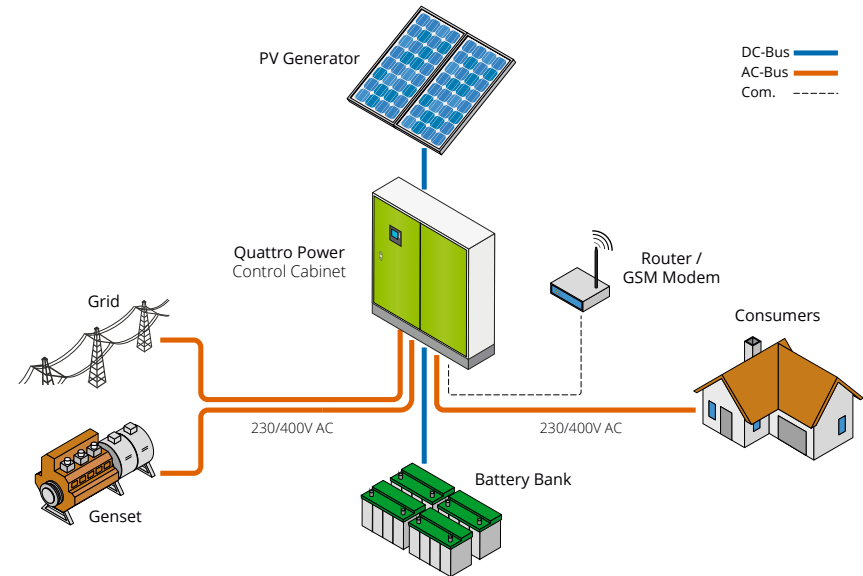
The **Quattro Power** units allow the connection of two independent AC power sources like the public grid and a genset.

The **Quattro Power** control cabinets are equipped with the powerful Victron Energy Quattro inverter/charger series in combination with Victron Energy SmartSolar/BlueSolar MPPT PV charge controllers. Every system includes a battery status monitor for accurate state of

charge determination and a digital display for the PV charger or a color display / control unit with integrated datalogger and remote monitoring capabilities.

The **Quattro Power** systems provide clearly arranged and easy accessible connection terminals. The solar generator can be safely disconnected from the system via PV circuit breaker. Special DC fuse switches as well as AC breakers secure the electrical circuits. If required, all inputs and outputs can be equipped with surge protection devices.

A thermally controlled fan system maintains a constant temperature inside the **Quattro Power** control cabinets. The high degree of protection (IP54) prevents intrusion of dust and small animals like insects. All these measures ensure a reliable operation and a long life of the electrical components.



Technical Data

Type	Quattro Power					
	AC8048/10048 <small>NEW</small>	AC8048+/10048+ <small>NEW</small>	AC8048++/10048++	AC8048+++/10048+++ <small>NEW</small>	AC24048T/30048T <small>NEW</small>	AC24048T+/30048T+
Inverter / Charger	VE Quattro 48/8000/110-100 / VE Quattro 48/10000/140-100					
Charge controller	VE SmartSolar MPPT 250/100-Tr	2x VE SmartSolar MPPT 250/100-Tr	3x VE BlueSolar MPPT 150/85	4x VE BlueSolar MPPT 150/85	4x VE SmartSolar MPPT 250/100-TR	6x VE BlueSolar MPPT 150/85
Nom. battery voltage	48V					
Cont. output power (25°C)	6.5kW / 8.0kW - 230V AC/50Hz				19.5kW / 24kW - 400V AC/50Hz	
Max. charge current (genset/grid)	110A / 140A DC					
Max. PV power*	5.9kWp	11.8kWp (2x 5.9kWp)	14.55kWp (3x 4.85kWp)	19.4kWp (4x 4.85kWp)	23.6kWp (4x 5.9kWp)	29.1kWp (6x 4.85kWp)
Max. PV input voltage	250V	2x 250V	3x 150V	4x 150V	4x 250V	6x 150V
Monitoring	PV charger monitor VE MPPT Control, Battery monitor VE BMV-700**		Display / (remote) control unit VE ColorControl GX, Battery monitor VE BMV-700			
Type of cabinet	IP54, ground-mounted (steel plate, powder coated) incl. 200mm socket kit					
Dimensions (wxhxd) in mm	1200 x1400*** x400				1600 x2000*** x400	
Weight	approx. 161kg / 169kg	approx. 170kg / 178kg	approx. 182kg / 191kg	approx. 195kg / 201kg	approx. 430kg / 448kg	approx. 450kg / 469kg

*exceeding PV power will be limited to the given maximum PV charge current / **display / (remote) control unit VE ColorControl GX) optional / ***incl. 200mm height of socket