





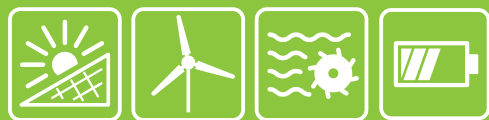
Plug'n'play Backup Power System  
**Multi Backup AC** NEW

-  Inverter power up to 12kW
-  Lead-acid or lithium batteries
-  Dedicated grid support
-  Dedicated genset support\*

\*applies to Multi Backup AC15048T only



- 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





# Multi Backup AC

## Plug'n'play Backup Power System

### The Smart Solution!

The **Multi Backup** series is designed for backup power supply (UPS) of electrical appliances in areas with poor grids and frequent blackouts. German manufacturing and the use of high-grade components guarantee a superior quality standard.

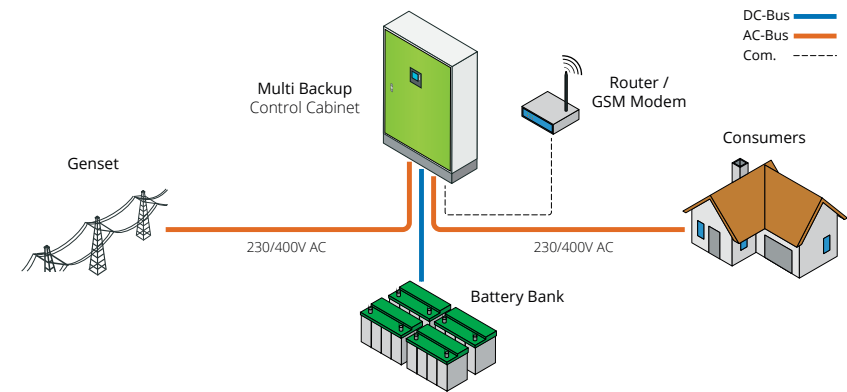
The **Multi Backup** systems are fast and easy to install thanks to their plug'n'play design. They are compatible to traditional lead-acid batteries and various lithium battery modules.

The **Multi Backup** control cabinets are equipped with the Victron Energy MultiPlus inverter series. The single phase systems include a battery status monitor for accurate state of charge determination. The large 3-phase system includes a color display / control unit with integrated datalogger and remote monitoring capabilities.

The **Multi Backup** series has an integrated bypass circuit which allows direct grid power supply in case of a maintenance shutdown or a system failure. The 3-phase system also includes an automatic changeover switch between mains and genset.

The **Multi Backup** systems provide clearly arranged and easy accessible connection terminals. 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 **Multi Backup** 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	Multi Backup		
	AC5024 <small>NEW</small>	AC5048 <small>NEW</small>	AC15048T <small>NEW</small>
Inverter / Charger	VE MultiPlus 24/5000/120-100	VE MultiPlus 48/5000/70-100	3x VE MultiPlus 48/5000/70-100
Nom. battery voltage	24V		48V
Cont. output power (25°C)		4.0kW - 230V AC/50Hz	12.0kW - 400V AC/50Hz
Max. Transfer power		7.4kW - 230V AC/50Hz	43.5kW - 400V AC/50Hz
UPS transfer time		< 20ms	
Bypass		mechanical changeover switch	uninterrupted electronic contactor controlled
Max. charging current	120A DC	70A DC	210A DC
No. of AC inputs		1 (grid)	2 (grid and genset)
Monitoring		Battery monitor VE BMV-700	Color display / (remote) control unit VE ColorControl GX
Type of cabinet		IP54, wall-mounted (steel plate, powder coated) incl. wall mounting brackets or ground-mounted incl. 200mm socket kit (optional)	IP54, ground-mounted (steel plate, powder coated) incl. 200mm socket kit
Dimensions (wxhxd) in mm		800 x1000* x300	1200 x1400** x400
Weight	approx. 86kg	approx. 84kg	approx. 227kg

\*plus 200mm height for ground-mounted version with socket / \*\*incl. 200mm height of socket