



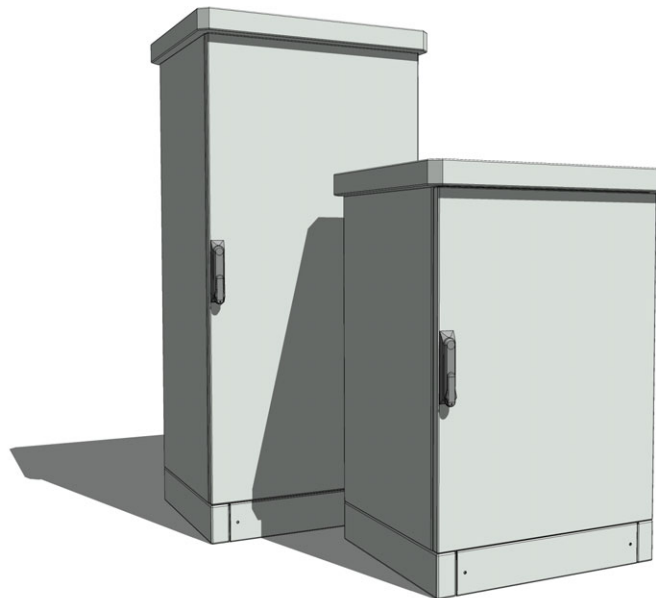


Plug'n'play PV Off-Grid Power System  
**Outdoor Power Pro DC**

 PV power up to 2400Wp

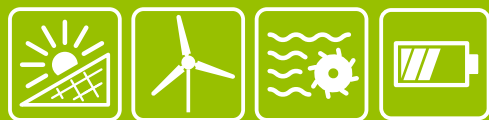
 Small wind generator up to 400W\*

 Up to 9kWh battery capacity



- All-in-one control cabinet
- Space-saving compact design
- Durable components
- Fail-safe installation
- Easy and reliable operation
- Maintenance-free
- High degree of protection (IP55)
- 5 years product warranty

\*AIR 30/40 and AIR Breeze small wind generators available as optional accessory





# Outdoor Power Pro DC

## Plug'n'play PV Off-Grid Power System

### The Smart Solution!

For applications that require protected electronics the **Outdoor Power Pro DC** off-grid power supply systems are the right choice. German manufacturing and the use of high-grade components guarantee a quality standard that meets the demand of private and industrial customers.

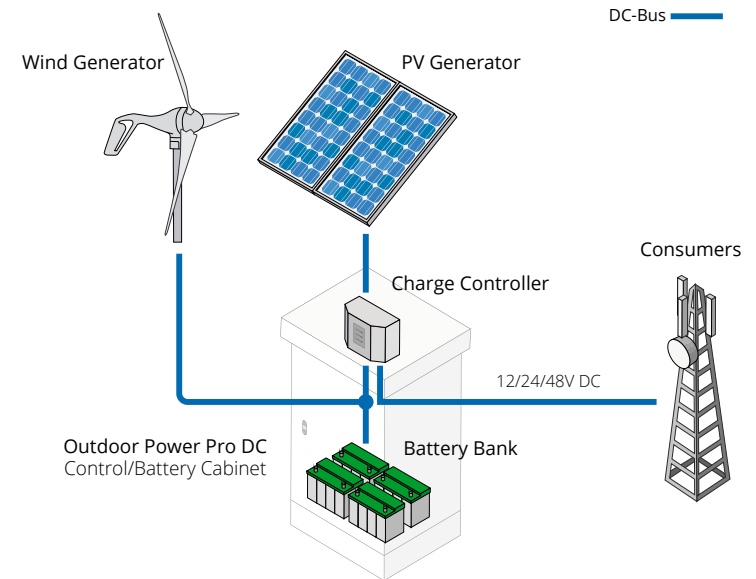
The **Outdoor Power Pro DC** is fast and easy to install thanks to its plug'n'play design. All electrical components and the battery are pre-installed in a weatherproof control cabinet.

The **Outdoor Power Pro DC** systems rely on solar charger controllers from Steca which guarantee optimum energy yields. The cabinets are designed for the use of Hoppecke sealed lead-acid batteries (sun | power VR M / VR L bloc).

The **Outdoor Power Pro DC** cabinets provide clearly arranged and easy accessible connection terminals. The individual circuits are protected by special DC fuses.

In order to increase energy production during periods with low irradiation, an AIR wind generator can be connected as additional charging source.

The **Outdoor Power Pro DC** cabinets are designed for ground installation. Pre-fabricated foundations (optional) help to reduce the installation time.



### Technical Data

Type	Outdoor Power Pro	
	DC M	DC L
Charge controller	Steca MPPT 2010	Steca TAROM 4545
Nom. battery voltage	24V	48V
Max. PV power	500Wp	2400Wp
Max. PV charge current	20A DC	45A DC
Max. PV input voltage	100V	
Recommended battery	4x HOPPECKE sun   power VR M 200	8x HOPPECKE sun   power VR M 200
Total battery capacity (C24)	4400Wh (182Ah)	8800Wh (182Ah)
Monitoring	-	Steca open UART interface
Wind generator*	AIR 30 / 40 / Breeze	
Type of cabinet	single-walled, IP55, ground-mounted (steel plate powder coated)	
Dimensions (wxhxd) in mm	600 x800 x400	600 x1200 x400
Weight	approx. 38kg (w/o batteries)	approx. 48kg (w/o batteries)

\*option incl. stop switch and extended connection interface