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The battery pack is designed to be used as a stand-alone unit or UPS connected to the grid or generator.  
Dimensions: 815 x 605 x 1590 mm (wxdxh) / Weight: 508 kg



**Batterypack 13 kWh/4kW**

## GENERAL DESCRIPTION

### Features:

- IT or TN-S configuration
- Insulation monitor
- Forced ventilation
- Pickable with forklift

The cabinet is designed according to principles of IEC 61439-1 and 2  
Additional tests are:

- Glow wire test according to IEC 60695 at 650 and 960°C
- IP44 according to IEC 60529

## INPUT

### PLUGS AND SOCKETS

1 x 16A 230V 1P+N+E plug, CEE7/4, French/Belgian system, IEC TR 60083, IP67

### PROTECTIVE RELAYING

1 x CB C16A 2P 10kA, IEC 60898, 60947-2

## OUTPUT

### PLUGS AND SOCKETS

1 x CEE 32A 230V 1P+N+E socket, 6h IEC 60309, IP44

2 x 16A 230V 1P+N+E socket, CEE7/5, Type E, French/Belgian system, IEC TR 60083, IP54

2 x 16A 230V 1P+N+E socket, CEE7/3, Type F, German, IEC TR 60083, IP54

### PROTECTIVE RELAYING

1x combined CB/RCD C32A 1P+N 30mA 10kA immediate, IEC 61009

1x insulation monitor, IEC 61557-8, 61326-2-4, bypass key switch

2x combined CB/RCD C16A 1P+N 30mA 10kA immediate, IEC 61009

1x insulation monitor, IEC 61557-8, 61326-2-4, bypass key switch

## BATTERY AND INVERTER

Capacity @ 90% DoD

13 kWh

Discharge time @ 0,7 kW

18h

Discharge time @ 1,2 kW

9h

Discharge time @ 2,2 kW

4,5h

Discharge time @ 3,3 kW

2,7h

Discharge time @ 8,1 kW

0,9h

Max cont. output power @25°C and 40°C

4 kW and 3 kW

Peak Power

10 kW

Battery type

AGM deep cycle

Charge time

8-12 hours

Cycle life @ 50% and 100% DOD

700 and 300 cycles

Storage time @ 25 and 40°C

6 and 4 months