

Batterypack 14kWh/5kW



General description



The batterypack is designed to be used as a stand-alone unit or UPS connected to the grid or generator.

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

Dimensions: w 815 x d 605 x h 1590 mm

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

Protective relaying

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

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

Output

Plugs and sockets

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

2 x combined CB/RCD C16A 1P+N 30mA 10kA
immediate, IEC 61009
1x insulation monitor, IEC 61557-8, 61326-2-4, bypass
key switch

Battery

Capacity	14 kWh
Max output power	5 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