



Datasheet

## 2.4KWH LI-ION BATTERY PACK

Lithium-ion battery for Uninterruptible Power Supplies.

### About the Q-on ionbank®

UPS installations require rugged batteries that can withstand hot environments and regular cycling. The Q-on ionbank® meets these requirements.

- Compatible with any 48V UPS / Inverter
- Scalable up to 10kWh
- Parallel configuration options

### Q-on ionbank® Battery Advantages:

- Safety – LiFePO4 is a chemically stable Lithium-Ion battery
- Excellent “weight-to-energy density”
- Long cycle life
- Fast charging
- Low self-discharge
- Environmentally-friendly - no heavy metals or caustic materials.
- Tolerant of exposure to high temperatures.

The Q-on ionbank® range of batteries is available in normal and extended run configurations and is backed by a 10 year guarantee.



## 2.4KWH LI-ION BATTERY PACK

Lithium-ion battery for Uninterruptible Power Supplies.

Q-on ionbank® Model		2.4kWh
Total Energy Capacity (kWh)		2.4
Energy, 90% DoD [kWh]		2.1
<b>Input / Output</b>		
Nominal Voltage [V]		52V
Max & Cont. Charge Current [A / V]		30A / 57-48V
Max/Cont. Discharge Current [A]		100
Max/Cont. Discharge Power [kW]		5kW
<b>Physical</b>		
Weight [kg]		26
Dimensions [Height x Width x Depth mm]		450x190x340
Enclosure		Mild Steel, Powder Coated, IP54 Rating, Floor Mount
DC Connection – Fly Leads		16mm <sup>2</sup>
<b>Environment</b>		
Temperature Range		5~ to 60°C
Service Life		>10 years (> 4000 cycles)
Guarantee		10 years