

# BATTERISELSKAPET

## DC Wall

### Characteristics

Battery type	Lithium ion
Gross capacity	12,0kWh
Net capacity	10,5kWh
Cell chemistry	NMC
Max voltage	57,4V
Nominal voltage	53V
Min voltage	44,8V
Max power	8,6kW
Max current	150A
Cycles (80% DOD)	3500

### Protection values

Overcurrent protection	FET for charge and for discharge
Cell balancing start voltage	55,3V
<i>Overvoltage protection</i>	
Trigger	57,4V
Release	56V
<i>Undervoltage protection</i>	
Trigger	44,8V
Release	46,2V

### Recommended

Max charge voltage	56,8V
Max discharge voltage	46,2V
Temperature	20°C
Max continuous current	100A

### General

Dimensions	1150mm x 760mm x 150 mm (LxBxH)
Weight	215kg
Operating temperature	-10°C til 50°C



Environment friendly energy storage, this battery is made with recertified lithium battery cells.

Up to 10 batteries can be connected in parallel

Can not be connected in series

The battery must be protected by a 200A melting fuse, this must be done for each individual battery when there is several batteries in parallel.

The fuse should be placed on the positive side of the battery.

The on/off switch turns on/off the discharge FET, which means that the battery may accept charge even when it's turned off.

Do not charge the battery over 0,1C when temperature reaches below 0°C