

# Compact Battery Cooling Unit

## Roof-mounted



### General Technical Data

Coolant Volumes	3,000 l/h
Cooling Capacity	8 kW at 11.6 °C Coolant Temperature / 45 °C Outside Temperature
Refrigerant	2.5 kg of R134a
Coolant	1:1 Glysantin/Water
Weight (excl. Coolant)	165 kg
Dimensions (W x L x H)	1,110 x 1,435 x 375 mm
Usage Temperature Range	-30 °C to +55 °C

### Electrical Data

Supply Voltage	Control Unit	24 V DC
	Heating Unit	24 V DC
	Compressor	320–480 V, 40–60 Hz AC
	Condenser Air Fan	24 V DC
Nominal Power Input	Compressor	max. 7.8 A
	Condenser Air Fan, Pump	max. 25.5 A
	Pump and Heating	max. 29 A

### Additional Features

- Optimized energy consumption through free cooling mode
- Easy to integrate through state of the art Can Bus connectivity
- Controller with integrated logger functionality and self-test run
- Optimized control of coolant temperature with up to  $\pm 1$  °K standard tolerance from default value