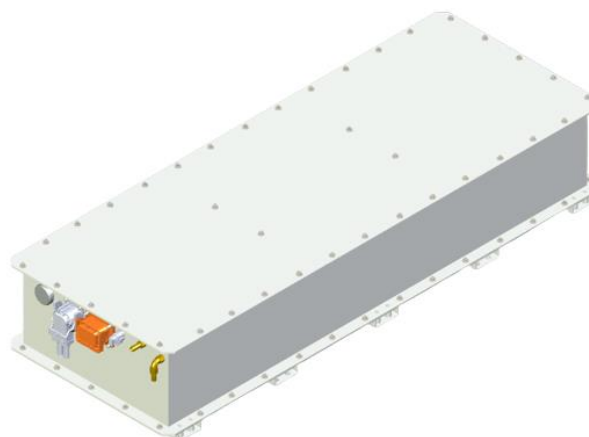


EN054BW052K510V102AhNMC

50 kWh Lithium-ion battery

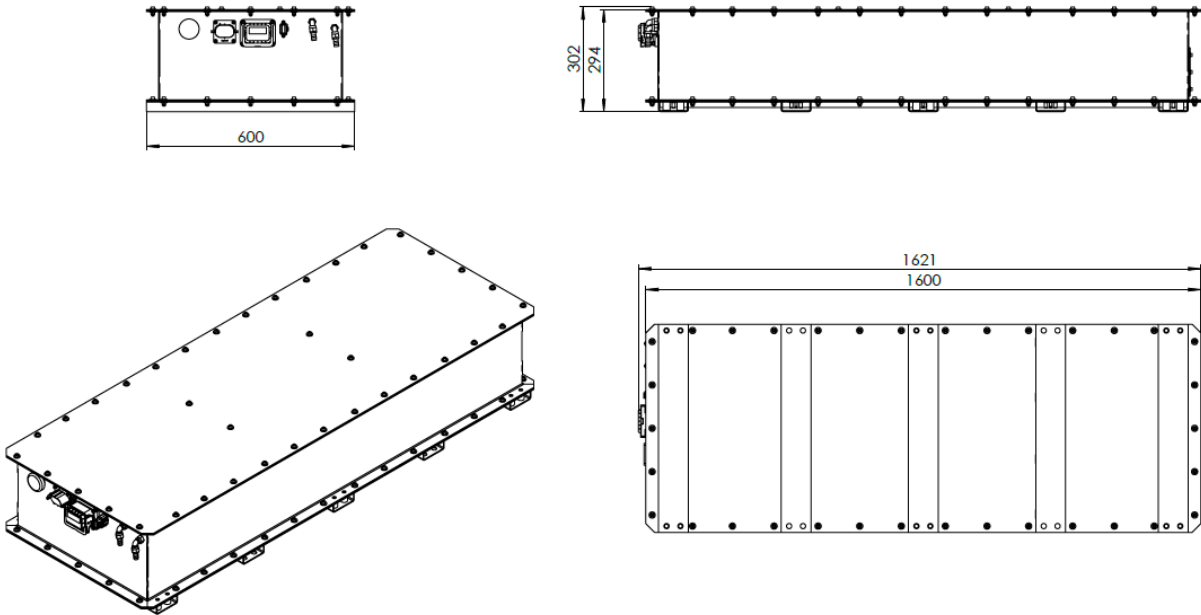
Product information:



High-voltage lithium-ion battery based on highly efficient NMC cell technology, providing high power and durability. Its low weight and high energy density allow for the use of the battery to power buses and heavy-duty vehicles. The battery is equipped with a BMS (Battery Management System) that enables maintenance-free operation and allows for monitoring battery parameters through the CAN bus and service application.

Specification:

Parameter	Unit	Value
Nominal voltage	V	511
Maximum voltage	V	587
Minimum voltage	V	414
Configuration	-	23x6s2p = 138s2p
Amount of energy	kWh	104 kWh
Constant discharge current	A	$\leq 1,2C = 122,4$ A
Maximum discharge current (30s)	A	$\leq 2,5C = 255$ A
Constant charge current	A	$\leq 1,2C = 122,4$ A
Maximum charge current (15s)	A	$\leq 2C = 204$ A
Fuses	-	Amphenol MSD09XXXSR
Power connector	-	AMPHENOL HVC2P80MV118
Signal connector	-	477259020 Molex
Weight	kg	310
Dimensions	mm	302 x 600 x 1621



* the manufacturer reserves the right to change the appearance and parameters of the product