

VOLTMOTION®



TERRA #56



Built for demanding applications:

TERRA #56



Status Datasheet May 19, 2026

Building on the successful modular TERRA platform, the TERRA #56 is engineered to meet the rigorous demands of modern electric vehicles. The TERRA #56 LFP battery pack delivers enhanced safety, an extended lifespan, cost efficiency and environmental responsibility thanks to its cobalt-free chemistry.

The integrated FLEXCOOLER® cooling component provides high-performance thermal management by maintaining a minimal temperature spread within and between cells, ensuring outstanding thermal stability, even under extreme conditions. With exceptional mechanical stiffness and superior vibration resistance, the TERRA #56 is built to perform exceptionally well in the harshest terrains, making it the ideal power solution for electric mobility.

TECHNICAL DATA

TERRA #56

Cell chemistry		LFP
Energy content	[kWh]	82.9
Voltage - nominal	[V]	691.2
Dimension (L x W x H)	[mm]	1425 x 750 x 490
Weight	[kg]	680
Discharge – continuous	[A]	240
Discharge - peak	[A]	720
Charge - continuous	[A]	120
Charge - peak	[A]	240
Battery cooling		FLEXCOOLER® Water / Glycol
Standards and certifications		UN38.3 ECE R10 ECE R100.5 optional

