

# FREELOUT



**TRAILER  
BATTERY  
SYSTEM**

**E-GENERATOR  
50 KWH**



## TECHNICAL SPECIFICATIONS

### DESCRIPTION

The Rebelvolt e-Generator Trailer delivers mobile zero-emission power in a durable, road-ready trailer format. Designed for transport flexibility and rapid deployment, it's ideal for construction, events, telecom, and defense applications.

Despite its compact footprint, it offers high energy capacity and output, ensuring dependable performance in demanding operations. Advanced energy management software enables real-time monitoring and diagnostics for maximum efficiency and reliability.



Nominal power	kW	17,5kW (simultaneous charging and use), 35kW (use)
Maximum output peak power	kW	20kW (simultaneous charging and use), 40kW (use)
Energy storage capacity	kWh	60
Battery technology		LiFePo4
Battery voltage range	V	48-56
Charging connections from grid		400VAC grid, generator or other
Charging power	kW	11 (generator) / 35 (grid)
Charging time (80%)	h	3
Operating temperature	°C	power discharge -30°C / +30°C, charging -5°C / +30°C
Weight	kg	1800
Battery dimensions (L x W x H)	mm	3500 x 1400 x 2000
Output connections		Sockets 3-phase: 16A, 32A, 63A, Sockets single phase: 3pcs 16A
Input connections		Grid: 63A appliance inlet / Generator 16A k appliance inlet
IP rating		IP54
Warranty	y	2 (extendable)
Service life	y	over 10

SFS-EN IEC 60335-1, SFS-EN IEC 62619:2022, EN 61000-6-1:2007, EN 61000-6-3:2007 / A1:2011/AC:2012 SFS-EN IEC 63000:2018

# FREEWOLT



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