

CENTERWATT

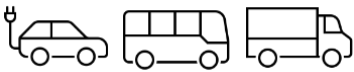
T-SERIES®

Mobility System Pack

7 kWh - 30 kWh

Fast Charging, High Safety, Long Life

CWATT-CT1-7-MOB | CWATT-CT1-30-MOB



Ideal for mobility applications



Public and Commercial Transportation

T-Series packs are optimized for public and commercial transportation fleets operating on urban routes where frequent charging is required. The system architecture ensures high energy throughput with minimal downtime.



Engineered for Durability and Reliability

T-Series packs are built with Lithium Titanate Oxide (LTO) cells, engineered for high-speed charging performance. This chemistry supports rapid charge-discharge cycles, making it optimal for operational profiles involving short-range, high-frequency usage.

Modular Configuration: The system features a scalable architecture, allowing for flexible capacity expansion to meet diverse mobile application requirements.

Innovative Thermal & Structural Design: Enhances operational reliability and system integration efficiency.

Safety & Lifecycle Advantages Compared to conventional lithium-ion chemistries, the T-Series pack delivers: Enhanced safety profile with reduced thermal risk.



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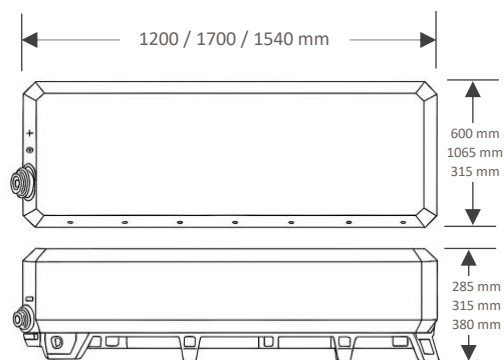
ELECTRICAL			
	CT1-7	CT1-28	CT1-30
Battery Cell	LTO		
Capacity	10 Ah	46 Ah	46 Ah
Installed Energy	6.9 kWh	28 kWh	30.47 kWh
Nominal Voltage (DC)	691 V	607 V	662 V
Voltage Range (Min–Max)	519-800 V	396-712 V	432-776 V
Continuous Charge Power	138 kWh	160 kWh	175 kWh
Peak Charge Power @10s	160 kWh	160 kWh	175 kWh
Continuous Discharge Power	138 kWh	160 kWh	175 kWh
Peak Discharge Power @10s	160 kWh	160 kWh	175 kWh

MECHANICAL			
	CT1-7	CT1-28	CT1-30
Ingress Rating	IP67 (Module)		
Enclosure Dimensions (mm)	1200 600 285	1700 1065 315	1540 960 380
Weight (kg)	270 ± 10	480 ± 10	530 ± 10
Operating Ambient Temperature	–30°C to 55°C (–22°F to 131°F)		
Cooling	Liquid		

COOLING	
Cooling Water Flow Rate	15 liters per minute
Cooling Type	Base Cooling
Cooling Fluid	50% Pure Water & 50% Glycol

CERTIFICATION AND COMPLIANCE
ECER100.2, ECE R10, UN38.3
ISO 26262, ASIL C
Compliant to grid codes and safety standards of all major markets

WARRANTY
>20000 Cycles @ 80DOD
Up to 10 Years



UN38.3



Please read the safety and installation instructions.
Visit www.centerwatt.com
Paper version can be requested through
support@centerwatt.com

Designed and engineered in USA/Türkiye
Made in Türkiye (Cells)
Systems Assembled in Türkiye

Visit www.centerwatt.com for more information
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