

CENTERWATT

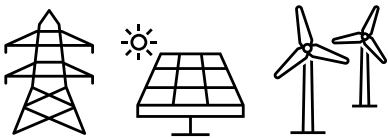
UP-SERIES®

UP Storage Systems

3.73 – 5 MWh

Power-packed, precision-engineered, and grid-ready

CWATT-UP-3.73 | CWATT-UP-5



Ideal for versatile utility applications including renewable energy power plants and/or stand-alone energy storage systems



Utility Scale

The UP Series delivers a complete, ready-to-use energy storage solution.

All critical components—batteries, control systems, thermal management, and an optional integrated power conversion system—are seamlessly built into a single compact unit.

All-in-one design cuts installation time, reduces costs, and simplifies setup, while ensuring reliable performance and optimized energy management without the hassle of external add-ons or complex wiring.



Engineered for Durability and Reliability

UP Series deliver unmatched reliability and efficiency for renewable power plants and standalone installations.

Each unit features advanced battery management, high-density lithium chemistry, and precision thermal controls—ensuring optimal performance across all operating conditions.

Robust enclosures safeguard against environmental stressors, while intelligent systems continuously monitor voltage, current, and cell health to extend lifespan and prevent damage during charge/discharge cycles. Designed for secure deployment, rapid integration, and cost-effective scalability.

centerwatt

Learn more about Centerwatt Energy Storage Systems
www.centerwatt.com



CENTERWATT UP-Series | 3.73-5 MWh

ELECTRICAL

	UP1-3.73-1	UP1-5-05
Rated Energy (MWh)	3.73	5
C Rate	1C / 1C	0.5C / 0.5C
Operating Voltage Range (Vdc)	1040 – 1500	1040 – 1500
Battery Cell	LFP 280 Ah	LFP 314 Ah
Max Charge/Discharge Current	280A*10	157A*12
Configuration	10P416S	12P416S
Communication	CAN, RS485, TCP/IP	

CERTIFICATION AND COMPLIANCE

CE, UN 38.3, IEC 62619, UL9540A, UL 1973

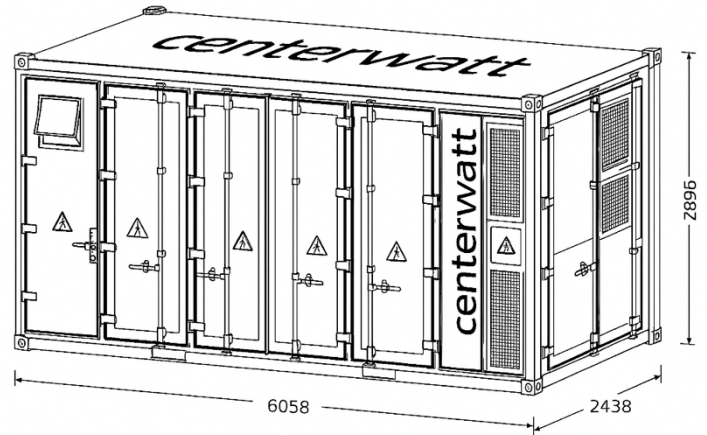
Compliant to grid codes and safety standards of all major markets

CYCLE LIFE

≥10000Cycles @ 70%

MECHANICAL

	UP1-3.73-1	UP1-5-05
Ingress Rating	IP55	
Enclosure Dimensions (mm)	W6058 x D2438 x H2896	
Weight (kg)	~38 tons	~42 tons
Charging Temperature	-30°C to 55°C (-22°F to 131°F)	-30°C to 50°C (-22°F to 122°F)
Discharging Temperature	-30°C to 55°C (-22°F to 131°F)	-35°C to 55°C (-31°F to 131°F)
Cooling	Liquid	



IEC62619



UL 9540A



UL 1973

UN38.3

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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Please read the safety and installation instructions.
Visit www.centerwatt.com
Paper version can be requested through
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UP-SERIES®

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