



Watt2Go

Turnkey Transportable Microgrids

We live in an energy economy where power outages & unreliable networks are increasingly common. Our transportable intelligent microgrids are a breakthrough advancement in small-scale intelligent power generation & storage technology systems.

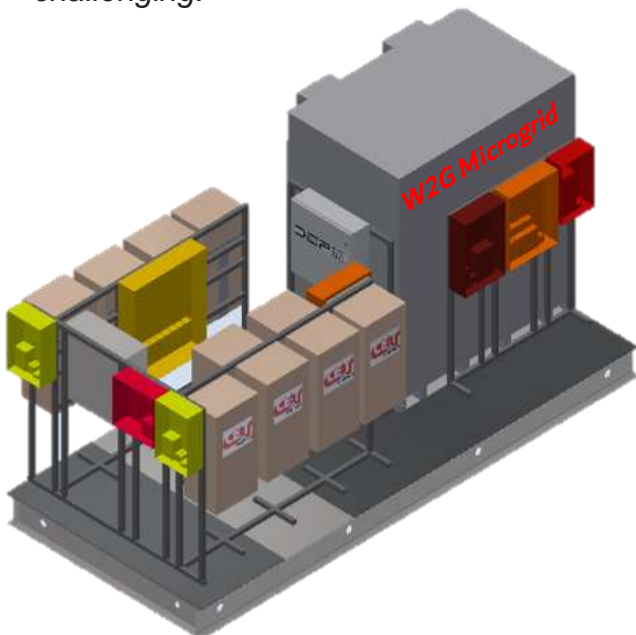
Welcome to a better way to generate & distribute clean power!

For over 18 years, CE+T America has been offering the most innovative & easily integrated power conversion & energy management solutions built on trust, affordability, & ease of operation. We consistently deliver breakthrough technology & value that reduce energy acquisition costs & improve electric power reliability

Build a frictionless future for your energy needs with a leader in the power conversion & energy management industry

W2G 'Small –Scale Microgrid Advantage

Our hybrid microgrids (i.e., solar Pv wind, fuel cells, & BESS) 8ft x 20 ft systems can fit into a standard parking space offering C&I industries the ability to acquire local renewable energy & storage systems that current larger microgrid models find too challenging.



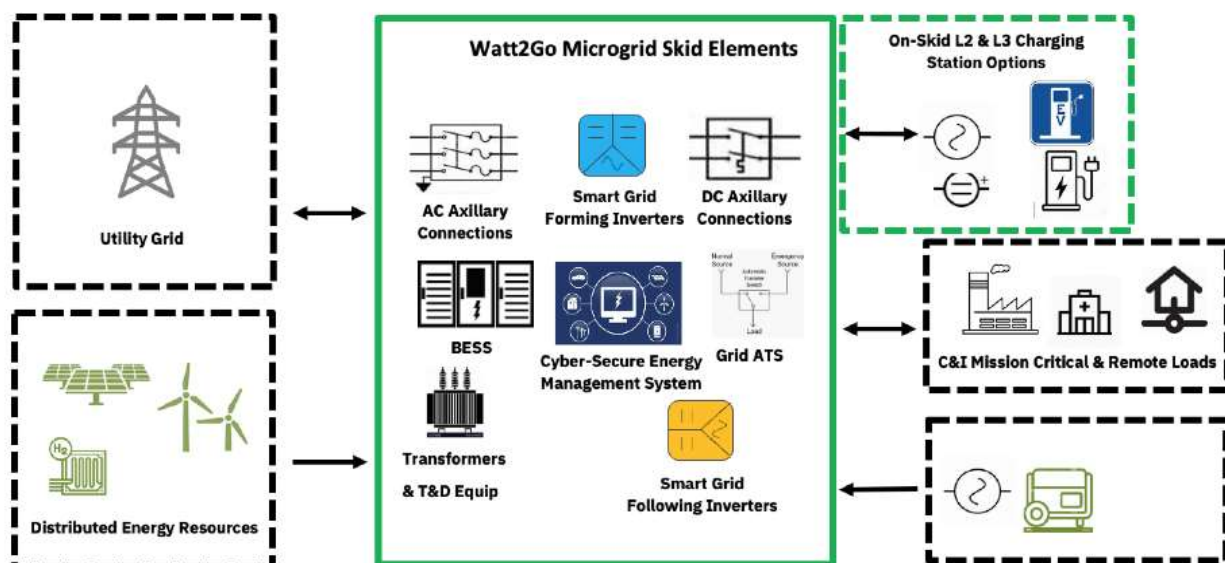
Benefits of CE+T Microgrid Technology

- **Application Flexibility-** C&I, critical & public infrastructure, EVCI, hostile & remote areas.
- **Rapid Deployment-** Plug-N-Play small-scale factor microgrids can be transported anywhere they are needed via trucks & **commissioned within 5 hours of site delivery.**
- **Scalable-** Paralleled microgrids can **scale from 150kW to 1MW** with full interoperability with ability to connect to cloud mesh networks.
- **Safe-AC/DC** microgrid configurable, **no-point-of-failure**, frequency response control, power factor correction, PV galvanic protection & black-start safety features.
- **Resiliency** -Ability to disconnect from the grid and go into island mode.
- **Smart Controller** – Peak shaving, TDU shifting, Storage mgmt, mesh network capable.
- **Cost-Effective-** Robust self-contained fully functional microgrids **reduce the need for additional equipment and installation costs.**
- **Single Source Solution-** Fully assembled & tested in the USA using Made-in-USA UL 1741SB field proven components improve quality & reliability, reduce system complexity, CAPEX spend & warranty costs.



Reduce the cost & complexity of your energy generation & storage infrastructure.
Build a frictionless future for your energy needs with a leader in power conversion and energy management industry.

Watt2Go System Architecture



W2G MICROGRID CAPACITY AND TECHNICAL SPECIFICATIONS

	1	2	3	4	5
ITEM	W2G-150/300kW	W2G-180/360	W2G-253/506	W2G-300/600	W2G-360/720
Max Sustained Power (kW)	150	180	253	300	360
Nominal Energy Capacity (kWh)	300	360	506	600	720
Stabiliti 30kW units	5	6	09	10	12
DC Voltage	1000	1000	1000	1000	1000
Communication Interferences	RS485, Ethernet, GPRS				
Ambient Operating Temperature Range	(-) 12F to 150F				
Communication Protocols	DNP3.0, Modbus, IEC103, IEC104, Web API				
On-Board Controls	Full microgrid and site control				
Degree of Protection	IP54				
Dimensions(L*W*H)	8'L x 20'W x 8'H				
Weight					
DC SPECIFICATIONS					
Cell Capacity					
Battery Chemistry	Lithium Iron Phosphate (LFP)				
Rated Cell Life	0% Retention at 10,000 cycles (0.5C at 77F)				
Rated Charge/Discharge Ratios	0.5C / 0.5C				
Thermal Control Method	Liquid Heating & Colling System				
Energy Cycle Efficiency	>94				
Certifications	IEC62619, UL9540A, UL1973, UL9540				
Max kW DC Aux Connection (kW)	Customer Defined	Customer Defined	Customer Defined	Customer Defined	Customer Defined
AC SPECIFICATIONS					
Standard Voltage Range	Low Voltage: 480V, 600V Medium Voltage: Standard 5kV and 15kV Classes				
Grid Frequency	60Hz +/- 15%				
Power Factor	0 - 1.00 Leading or Lagging				
Certifications	UL1741SA, IEEE 519, IEEE 1547, NFPA 70, CSA 22.2 #107.1				
Current Harmonics	IEEE 1547 Compliant, <5% TDD				



Contact us today to start your **journey to green**

On-line ordering: <https://www.cet-power.com/en/contact/>

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