

## Mobile Microgrid

Excellerate’s Mobile Microgrid provides efficiency, sustainability, and resiliency, and is a cost-effective, eco-friendly way to produce and distribute energy. A mobile microgrid is an independent, deployable power solution that can be used to supplement power sources in the event of a disruption to power. An advantage of a mobile microgrid is that it can be transported wherever it is needed because of its smaller size. If needed, several mobile microgrids can be tied together to create a larger power source.

### APPLICATIONS

- ▶ Remote Locations
- ▶ On grid and off grid applications
- ▶ Clean Energy
- ▶ Cost Savings
- ▶ Power Quality Improvement
- ▶ Resiliency and Reliability

### PRODUCT FEATURES

- Transportable
- Ability to tie multiple units together
- Fix mounted and transportable solar array
- Fix mounted receptacle on outside for charging stations
- Grid-tie backup and off-grid solar solutions
- Controls autonomously configure the DER’s into a range of different variations to produce the most resilient, efficient, clean, and cost-effective combination



### EQUIPMENT OVERVIEW

Dimensions	20’ L x 8’ W	HVAC	2 Ton HVAC Unit
Structure Type	ISO Container [Shipping Container]	Wind Rating	Up to 140 MPH
Output	120/240V Output	Other Equipment	Fix-mounted receptacles on outside [usage case: charging stations]
Solar Array	9kW [Fix-mounted and transportable]		
Fuel Cell	10kW Methanol Fuel Cell	Output & Run Times	<ul style="list-style-type: none"> <li>■ 30 Minutes @ 24kW (Max Output)</li> <li>■ 30 Days Continuous @ 20kW</li> <li>■ 60 Days Continuous @ 10kW</li> <li>■ Unlimited/Continuous @ 5kW</li> </ul>
Battery Storage	144kWh Lithium Ion Battery		