

MP310-049 *Moxie+* Battery Module

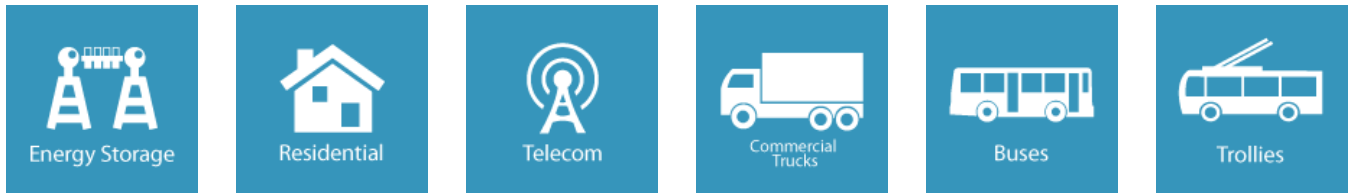


Key Attributes

- Prismatic cells allow for efficient stacking into modular designs
- Integrated heat sinks between each cell or elements of cells allow for efficient heat removal
- Flexible circuits for individual cell voltage sensing and temperature zone sensing
- Robust packaging to protect cells against physical damage and/or vibration hazards

Applications

EnerDel's *Moxie+* battery modules are designed as building blocks for power applications and offer versatility across a variety of uses. Contact us for more details relative to your specific application.



Product Specifications:			
Cell Configuration	12S-2P	Max Cont. Discharge	125 A
Modules per System	N/A	Max Pulse Discharge	480 A (10 seconds)
Cells per Module	24	Max Cont. Charge	125 A
Total Cell Quantity	24	Max Regen. Current	320 A (10 seconds)
Max Voltage	49.2 V	Dimensions	199 x 170 x 269 mm
Min Voltage	30 V	Mass	16 kg
Rated Capacity	31 Ah	Heating/Cooling	Passive or Forced Air Thermal Management
Rated Energy	1.36 kWh		

Battery Management System

EnerDel's prismatic cells are optimized through the use of its battery management system (BMS), which provides control, balance and management of the cells. EnerDel's BMS offers an easy interface to commonly-used controllers to monitor and diagnose the system in real-time. Overall, the BMS helps to ensure safe and accurate operation.

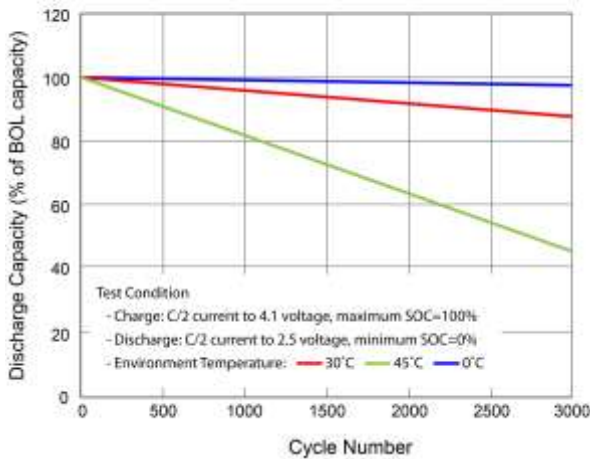
For more information, contact: Info@EnerDel.com

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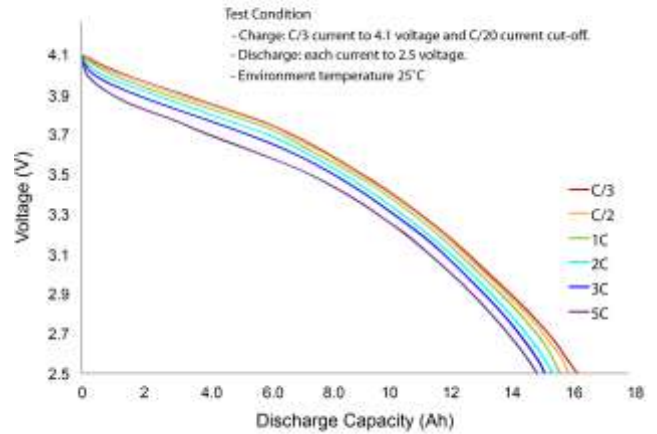
Abuse Test:	Results:	Abuse Test:	Results:
Overcharge	EUCAR 3 - Pass	Nail penetration	EUCAR 3 - Pass
Over-discharge	EUCAR 3 - Pass	External Short	EUCAR 3 - Pass
Thermal stability	EUCAR 4 - Pass	Crush	EUCAR 3 - Pass

The prismatic cells used in the *Moxie+* battery module offer the following performance characteristics:

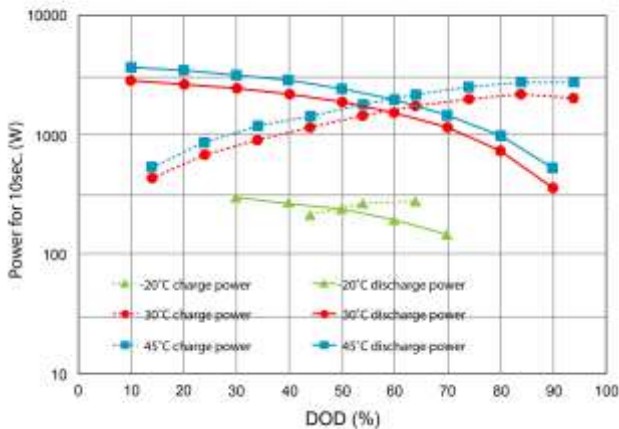
CELL CYCLE



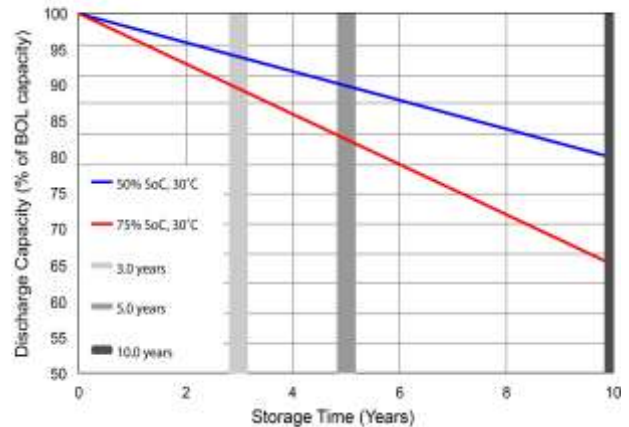
DISCHARGE CAPABILITY



PULSE POWER CHARACTERISTICS



CALENDAR LIFE



Specifications and performance may vary. All information is subject to change without notice.

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