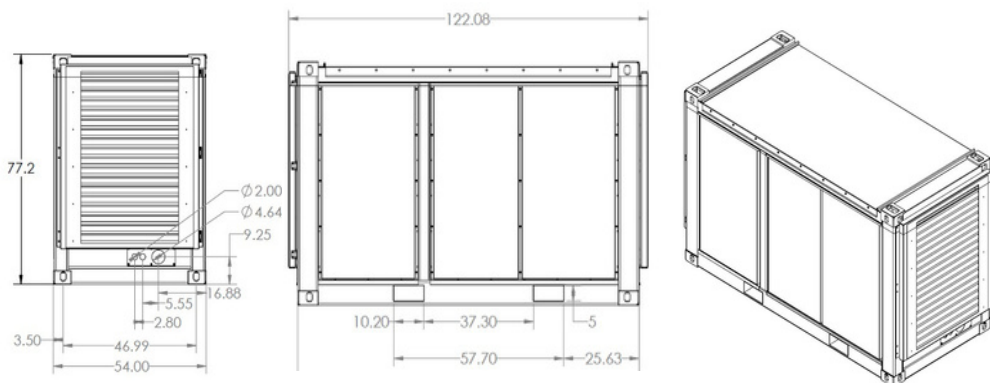


# ISI EnerShed M4

## Energy Storage System



| Model                                        | ISI-ES-M4-02                                                  | ISI-ES-M4-03 | ISI-ES-M4-04 | ISI-ES-M4-05 |
|----------------------------------------------|---------------------------------------------------------------|--------------|--------------|--------------|
| <b>AC Output Power (kW)</b>                  | 60                                                            | 90           | 120          | 150          |
| <b>Usable Energy (kWh)*</b>                  | 200                                                           | 300          | 400          | 500          |
| <b>Weight (lbs)</b>                          | 8027                                                          | 10279        | 12530        | 14781        |
| <b>AC Max Current</b>                        | 80                                                            | 120          | 160          | 200          |
| <b>Dimensions H x D x W (mm/in)</b>          | 1961 x 3102 x 1372 / 77.2 x 122.08 x 54                       |              |              |              |
| <b>AC Voltage</b>                            | 480 V (+/-10%), 3 Phase, 3W + Gnd                             |              |              |              |
| <b>Operating Frequency</b>                   | 60 Hz (45 Hz - 65 Hz)                                         |              |              |              |
| <b>PF at Rate Output Power</b>               | 0.8 Leading - 0.8 Lagging                                     |              |              |              |
| <b>THDi</b>                                  | < 3%                                                          |              |              |              |
| <b>Power Factor Correction</b>               | > 99%                                                         |              |              |              |
| <b>Corrosion Category IEC 61701</b>          | Category 5                                                    |              |              |              |
| <b>Noise Emission</b>                        | 65 dB(A)                                                      |              |              |              |
| <b>Thermal Management</b>                    | Proprietary Forced Air                                        |              |              |              |
| <b>Operating Temp Range</b>                  | -30°C to 60°C (-22°F to 140°F)                                |              |              |              |
| <b>Storage Temp Range</b>                    | 5°C to 40°C (41°F to 104°F)                                   |              |              |              |
| <b>Maximum Permissible Relative Humidity</b> | 95%                                                           |              |              |              |
| <b>Rated Altitude</b>                        | 3000 ft                                                       |              |              |              |
| <b>Enclosure</b>                             | NEMA Type 3R                                                  |              |              |              |
| <b>Battery Chemistry</b>                     | LiFePO4                                                       |              |              |              |
| <b>RTE</b>                                   | +90%                                                          |              |              |              |
| <b>Communication</b>                         | SunSpec Over ModBus TCP/IP                                    |              |              |              |
| <b>FCC</b>                                   | Class A                                                       |              |              |              |
| <b>Regulatory</b>                            | UL9540, UL9540A, UL1741 SA/SB, IEEE 1547-2020, UL1642, UL1973 |              |              |              |

\*Nominal usable energy at AC terminals, Day 1.  
Multiple units may be used on a single site.

Specifications subject to change  
without warning. ISI Rev. 090226

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