

# Power Center



## Energy Management Module

- Managed input sources
- Multiple AC and DC output
- eUSB panel
- Grip-tie interactive
- Anti-Islanding
- CPU, Exulans eOS build on Windows 7
- API
- Wall mounted touch panel
- Communication with central server



## Energy Generator Module

- Honda 4-cycle, 2cylinder, 15 hp
- 5 generator array
- Propane, natural gas
- 65 dbs
- Computer controlled
- Hermetically sealed, no maintenance
- Wi-Fi communication
- Wall mounted touch panel
- Purged chamber
- Induction cooler option



## Energy Storage Module

- Tiered storage architecture
- Electrochemical
- Ultracapacitor
- Hermetically sealed
- Cooling option
- RoHS, CE compliant
- Modular stacking

Specifications:

|                            |                                                         |
|----------------------------|---------------------------------------------------------|
| AC Output                  |                                                         |
| Voltage                    | North America (120V) or Europe/International (230V)     |
| Average Power Rating       | 2 to 12 kW (increments of 2kW)                          |
| Max. - Surge (5000ms)      | 2x average power                                        |
| Frequency                  | 50 or 60 Hz (pure sine)                                 |
| Voltage Regulation         | +/- 2% typical                                          |
| Phase                      | Single, Split, Three Phase                              |
| DC Output                  |                                                         |
| Voltage                    | 45-56 VDC unregulated                                   |
| Average Power Rating       | 200 amps                                                |
| Max. - Surge (5000ms)      | 2x                                                      |
| Input                      |                                                         |
| Isolated Channels          | 1 AC and 2 DC                                           |
| Modules                    | 2 to 12                                                 |
| AC                         | 90-264 V, 47-63 Hz, any phase                           |
| DC                         | 127-370                                                 |
| Power Rating per Channel   | 2kW                                                     |
| Total AC Power Rating      | 0kW to 12kW (increments of 2kW)                         |
| Total DC Power Rating      | 0kW to 12kW (increments of 2kW)                         |
| Total Power                | 2kW to 24kW                                             |
| Grid Relationship          |                                                         |
| Grid Firewall              | Voltage, Frequency, Phase and Anti-Islanding            |
| Grid Synchronization       | No / Yes                                                |
| Grid-Facing Power Factor   | 0.97 at 230 VAC                                         |
| Energy Store               |                                                         |
| Nominal Capacity           | 1 to 10kWh                                              |
| Rated Capacity             | 165.6 amp-hours (at 52.8v)                              |
| Norminal Voltage           | 48 v                                                    |
| Energy Type                | Single tier                                             |
| Power Modules              | 1 to 9                                                  |
| APU (auxiliary power unit) |                                                         |
| Fuels                      | Liquid Propane (LPG) / natural Gas (NG)                 |
| Noise                      | <59 dB                                                  |
| Physical                   |                                                         |
| Height x Width x Length    | W: 26" x H: 26" x L: 48" (660.4mm x 660.4mm x 1219.2mm) |
| Weight                     | 1200.0 lbs. (544.31 kgs)                                |
| Finish                     | aluminum                                                |
| Communication              |                                                         |
| Wi-Fi                      | 802.11n                                                 |
| Ethernet                   | 1GB / Cat 6                                             |
| Telecommunication          | Cellular                                                |
| eUSB                       |                                                         |
| Ports                      | 2 DC INPUTS, 1 AC INPUTS. AC & DC Circuit Breakers      |
| Umbilical                  | 12 feet (3.6 meters)                                    |



• The specifications are subject to change without notice.