

# Outdoor Energy Storage Systems



| Battery Properties            | POD-A100                          | POD-A230                 | POD-L400 PRO             |
|-------------------------------|-----------------------------------|--------------------------|--------------------------|
| Battery Type                  | LiFePO <sub>4</sub> - Prismatic   |                          |                          |
| Cell Capacity                 | 100Ah                             |                          | 304Ah                    |
| Series/Parallel Configuration | 2P160S                            | 3P240S                   | 1P416S                   |
| Nominal Voltage               | 512V                              | 768V                     | 1331.2V                  |
| Operating Voltage Range       | 440V - 568V                       | 660V - 852V              | 1123.2V - 1497.6 V       |
| Nominal Energy Capacity       | 102.4kWh                          | 230.4kWh                 | 404.68kWh                |
| Cycle Life (*)                | ≥4000 cycles(*)                   |                          | ≥6000 cycles(**)         |
| Operational Temperature       | -20~55°C                          |                          |                          |
| Charge/Discharge Rate         | 1C / 1C                           |                          | 1C / 1C                  |
| Maximum Power Rating          | 102.4kW                           | 230.4kW                  | 404.68kW                 |
| Warranty                      | 10 Years                          |                          |                          |
| Functional Properties         |                                   |                          |                          |
| Communication                 | CAN/RS485                         |                          |                          |
| Scalability                   | Max. 7 parallel units             | Max. 5 parallel units    | Max. 10 parallel units   |
| Cooling                       | Air Cooling                       |                          | Liquid Cooling           |
| Fire Protection               | Aerosol automatic fire protection |                          |                          |
| Balancing                     | Passive                           |                          | Active                   |
| EMS                           | Optional                          |                          |                          |
| SBMS Unit                     | Optional                          |                          |                          |
| Grid Connection Box           | Optional                          |                          |                          |
| Physical Properties           |                                   |                          |                          |
| Protection Level              | IP54                              |                          |                          |
| Humidity                      | 0% - 85% RH (non-condensing)      |                          |                          |
| Altitude                      | <3000m                            |                          |                          |
| Dimension (WxDxH)             | 1353±5×1395±5×2370±5mm            | 1700±5×1800±5×2327mm±5mm | 1500±5×1450±5×2800mm±5mm |
| Weight                        | 1900±100kg                        | 3500kg±1100kg            | 4000±1100kg              |

(\*) Test Conditions: 25°C