

# CONTAINER L2200-OMNI

M8-20ft-1.92MW/2.23MWh



**558~2231kWh**



**1C**



**480~1920kW**



**400Vac**



**All in One System**



**Flexible Configuration**



**Easy Set-up & Maintenance**



**High C rate**



**Ancillary Service**



**Electricity Arbitrage**



**Demand Response**



**Backup**

# L2200-OMNI

| General Data                                             |  | M8-20ft-1.92MW/2.23MWh  |
|----------------------------------------------------------|--|-------------------------|
| Dimension (W*D*H mm,w/o inverter)                        |  | 6058*2438*2896          |
| Weight (tons)                                            |  | 28                      |
| Working Temperature Range (°C)                           |  | -25~55*                 |
| Protection Class                                         |  | IP55                    |
| Altitude (m)                                             |  | ≤4000 (>3000m derating) |
| Humidity                                                 |  | 5%-95%                  |
| Fire extinguishing                                       |  | Aerosol                 |
| Cooling System                                           |  | Liquid cooling          |
| Cooling system consumption (kW, Cooling/Heating)         |  | Cooling: 60/Heating: 24 |
| Aux. Power Consumption (kW, continuous/peak, incl. HVAC) |  | 40                      |
| Anti-corrosion                                           |  | C3M(C5M Optional)       |

Certification IEC62477-1/IEC62040-1/IEC62619/IEC63056/UKCA/CE LVD/CE EMC/UN38.3/VDE-AR-E 2510-50  
CE LVD/IEC 62477/CE EMC/IEC 61000/EN 50549-1:2019/G99/AS4777

| Battery Data           |                     |
|------------------------|---------------------|
| System Capacity (kWh)  | 2231                |
| Depth of Discharge     | 98% (single string) |
| Cycle Life             | >6000               |
| DC Voltage Range (Vdc) | 716.8~921.6         |

| PCS DC/AC Data On-grid Mode    |                                                         |
|--------------------------------|---------------------------------------------------------|
| PCS number                     | 12                                                      |
| Rated AC Power (kW)            | 160                                                     |
| Rated AC Output Voltage (Vac)  | 400±15%                                                 |
| Rated AC Output Frequency (Hz) | 50/60±2.5                                               |
| Overload Capacity              | 176kVA (1.1 times long-term/1.5 times for 10s overload) |
| AC PF                          | 1.0 (Lagging)~1.0 (Leading)                             |
| CEC Efficiency                 | 98%                                                     |

| Operation Mode     |                                                                |
|--------------------|----------------------------------------------------------------|
| Communication Type | RS485/CAN/Ethernet                                             |
| Operation Logic    | Ancillary Service/Electricity Arbitrage/Demand Response/Backup |

\*Degration at temperatures below 10°C or above 40°C

\*Partial application in progress

|            |   | System configuration |                |       |       |        |                        |
|------------|---|----------------------|----------------|-------|-------|--------|------------------------|
|            |   | Racks QTY            | PCS Number kWh | 3 480 | 6 960 | 9 1440 | 12 1920                |
| L2200-OMNI | 1 | 558                  |                |       |       |        | Min. configuration     |
|            | 2 | 1116                 |                |       |       |        | Optional configuration |
|            | 3 | 1674                 |                |       |       |        | Standard configuration |
|            | 4 | 2231                 |                |       |       |        |                        |