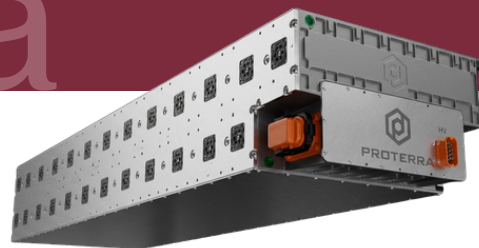




# Onyx Strata



## H2-21

### Proterra® Battery Pack Specifications

| Parameter      |                                                                          | Specification                       |
|----------------|--------------------------------------------------------------------------|-------------------------------------|
| Energy Density | Nominal Installed Energy                                                 | 119 kWh                             |
|                | Gravimetric Energy Density                                               | 182 Wh/kg                           |
|                | Volumetric Energy Density                                                | 284 Wh/L                            |
| Voltage        | High Voltage, Nominal                                                    | 608 V                               |
|                | Low Voltage                                                              | 12V, 24V                            |
| Dimensions     | Height                                                                   | 340 mm                              |
|                | Width                                                                    | 620 mm                              |
|                | Length                                                                   | 1980 mm                             |
| Weight         | Kilograms                                                                | 653 kg                              |
| Temperature    | Ambient Temperature                                                      | -30°C to +55°C                      |
|                | Type of Cooling                                                          | Liquid, 50/50 Water Ethylene Glycol |
| Ingress        | Ingress Protection                                                       | IP6k9k / IPxxB                      |
| Communication  | Communication                                                            | CAN J1939                           |
|                | Diagnostics                                                              | Proprietary (DM1 capable)           |
| Configurations | ESS                                                                      | Up to 16 packs in parallel          |
| Charge         | Continuous charge performance                                            | 0.5 C                               |
|                | Continuous regen performance                                             | 0.5 C/0.5 E                         |
|                | Peak charge performance (300 sec)                                        | 1.0 C                               |
|                | Continuous discharge performance                                         | 1.3 C/1.2 E                         |
|                | Peak discharge performance (60 sec)                                      | 3.0 C/3.0 E                         |
|                | Peak regen performance (60 sec)                                          | 1.0 C/1.0 E                         |
|                | Charge time (20-80% State of Charge)<br><i>Specific Conditions Apply</i> | 54 minutes                          |

Tested in accordance with SAE J2929, UN38.3, ISO 20653, IEC 60068-2-1, SAE J2464, ECE R100.03

 US Cell Only Option Specifications

