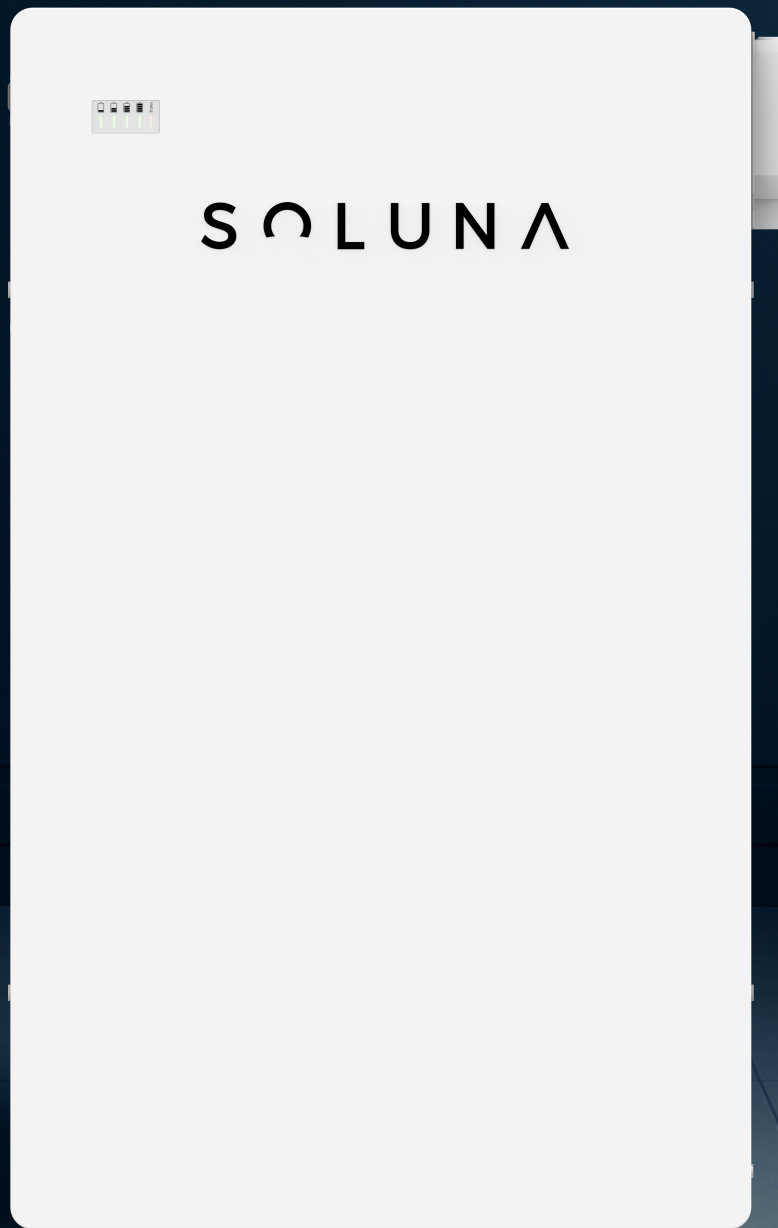


# SOLUNA

POWER DESIGNED FOR NIGHT AND DAY

## Jupiter 32K Pack LV



# TECHNICAL SPECIFICATIONS

| PHYSICAL CHARACTERISTICS                                         |                                                                               |
|------------------------------------------------------------------|-------------------------------------------------------------------------------|
| Dimensions (W*D*H)(mm)                                           | 665*220*1125                                                                  |
| Weight (kg)                                                      | 260                                                                           |
| Installation                                                     | Indoor / Outdoor                                                              |
| ELECTRICAL CHARACTERISTICS                                       |                                                                               |
| Battery type                                                     | LFP                                                                           |
| Total Energy Capacity (kWh)                                      | 32.153                                                                        |
| Usable Energy Capacity (kWh)                                     | 28.937                                                                        |
| Nominal capacity(Ah)                                             | 628                                                                           |
| Nominal voltage (V)                                              | 51.2                                                                          |
| Voltage range (usable) (V)                                       | 48 to 57.6                                                                    |
| Charge/Discharge Current(A)                                      | 314                                                                           |
| Charge/Discharge Power(KW)                                       | 16                                                                            |
| Max.Charge/Discharge Current(A)                                  | 314                                                                           |
| Max.Charge/Discharge Power(KW)                                   | 16                                                                            |
| Recommend Depth of Discharge                                     | 80%                                                                           |
| Max Depth of Discharge                                           | 90%                                                                           |
| Cycle life@ 25°C(under standard charge and discharge conditions) | ≥10000                                                                        |
| DC Disconnect                                                    | Fuse                                                                          |
| BMS                                                              |                                                                               |
| Monitoring parameters                                            | System voltage . System current . Cell voltage . Cell temperature . SOC . SOH |
| Communication                                                    | CAN / RS485                                                                   |
| OPERATING CONDITIONS                                             |                                                                               |
| Operating temperature (°C)                                       | Charge: 0-50°C, Discharge: -10-50°C                                           |
| Operating temperature(recommended)(°C)                           | 15 to 30                                                                      |
| Storage temperature(recommended)(°C)                             | -20 to 60                                                                     |
| Humidity conditions                                              | 5 to 95%                                                                      |
| Altitude(m)                                                      | Max.2,000                                                                     |
| Cooling strategy                                                 | Natural convection                                                            |
| RELIABILITY AND CERTIFICATION                                    |                                                                               |
| Certification                                                    | IEC62619 . EMC . ROHS                                                         |
| Transportation                                                   | UN38.3                                                                        |
| Ingress protection rating                                        | IP65                                                                          |
| WARRANTY                                                         |                                                                               |
| Product and performance                                          | 10-year warranty                                                              |

# KEY FEATURES

 IP65

 Scalable to 1024kWh

 Safest LiFePo4 battery

 Long lifespan

 Easy Installation

 Floor, Wall Mounted

The Soluna Jupiter 32K Pack LV is a residential and small-commercial LiFePO4 battery featuring an intelligent BMS with advanced fault protection. With **32 kWh** per unit and scalability up to **1024 kWh** through **32 parallel** units, it delivers secure, flexible and high-performance energy storage backed by a 10-year warranty and **10000**-cycle lifespan.

