

Innovation
for a Better Life



CHANGE YOUR ENERGY CHARGE YOUR LIFE



RESU



Compact Size & Easy Installation

The compact and lightweight nature of the RESU allows easier and faster installation.



Proven Safety

The safety of LG Chem's lithium-ion battery is proven in the automotive and ESS markets.



Diverse Product Options

The RESU series offers diverse product options ranging from 3.3kWh to 13.1kWh.



* The ees Award is one of the most honorable awards presented annually at ees Europe, the largest exhibition for batteries and energy storage systems in Europe, with the purpose to pay tribute to pioneering products and solutions for energy storage system.

www.lgesspartner.com

CHANGE YOUR ENERGY, CHARGE YOUR LIFE

48V



| Models | | RESU3.3 | RESU6.5 | RESU10 | RESU13 |
|-----------------------------------|---------|---|-----------------|-----------------|---------------------------|
| Total Energy [kWh] ¹⁾ | | 3.3 | 6.5 | 9.8 | 13.1 |
| Usable Energy [kWh] ²⁾ | | 2.9 | 5.9 | 8.8 | 12.4 |
| Capacity [Ah] | | 63 | 126 | 189 | 252 |
| Nominal Voltage [V] | | 51.8 | | | |
| Voltage Range [V] | | 42.0-58.8 | | | |
| Max Power [kW] | | 3.0 | 4.2 | 5.0 | 5.0 |
| Peak Power [kW] (for 3 sec.) | | 3.3 | 4.6 | 7.0 | 7.0 11.0 (Backup Mode) |
| Dimension [W x H x D, mm] | | 452 x 403 x 120 | 452 x 656 x 120 | 452 x 484 x 227 | 452 x 626 x 227 |
| Weight [kg] | | 31 | 52 | 75 | 97 |
| Enclosure Protection Rating | | IP55 | | | |
| Communication | | CAN2.0B | | | |
| Certificates | Cell | UL1642 | | | |
| | Product | UL1973 / TUV (IEC 62619) / CE / FCC / RCM | | | TUV(IEC 62619)/CE/FCC/RCM |

Compatible Inverter Brands : SMA, SolaX, Ingeteam, Redback, GoodWe, Sungrow, Victron Energy, Selectronic - More brands to be added

1) Total Energy is measured at the initial stage of battery life under the condition as follows : Temperature 25°C

2) Usable Energy is based on battery cell only

RESU PLUS



RESU Plus is an expansion kit specially designed for 48V models of the RESU series. With RESU Plus, all 48V models can be cross-connected with each other.

- Dimension : 216 x 156 x 121 (W x H x D, mm)
- Number of Expandable Battery Units : Up to 2EA
- IP55

400V



| Models | RESU7H | | RESU10H | |
|-----------------------------------|------------------|----------------------------------|----------------------------|---|
| | Type-R | Type-C | Type-R | Type-C |
| Total Energy [kWh] ¹⁾ | 7.0 | | 9.8 | |
| Usable Energy [kWh] ²⁾ | 6.6 | | 9.3 | |
| Capacity [Ah] | 63 | | 63 | |
| Voltage Range [V] | 350-450 | 430-550 | 350-450 | 430-550 |
| Max Power [kW] | 3.5 | | 5.0 | |
| Peak Power [kW] | 5.0 (for 5 sec.) | 5.0 (for 10 sec.) | 7.0 (for 10 sec.) | |
| Dimension [W x H x D, mm] | 744 x 692 x 206 | 744 x 907 x 206 | 744 x 907 x 206 | 744 x 907 x 206 |
| Weight [kg] | 75 | 87 | 97 | 99.8 |
| Enclosure Protection Rating | IP55 | | | |
| Communication | RS485 | CAN2.0B | RS485 | CAN2.0B |
| Certificates | Cell | UL1642 | | |
| | Product | TUV (IEC 62619) / CE / FCC / RCM | TUV (IEC 62619) / CE / RCM | UL1973 / TUV (IEC 62619) / CE / FCC / RCM |

Compatible Inverter Brands : SMA, SolarEdge, Fronius, Huawei - More brands to be added

1) Total Energy is measured at the initial stage of battery life under the condition as follows : Temperature 25°C

2) Usable Energy is based on battery cell only