



# Commercial Storage System Comparison 2024

| Manufacturer | Model                        | Max. Power  | Capacity (net)    | Use Cases         |                               |                  |                 | EMS                                     |                             | Installations-service | Cell Chemistry       | Scalability  | Advantages   |  |  |     |  |  |
|--------------|------------------------------|---|-------------------|-------------------|-------------------------------|------------------|-----------------|---|-----------------------------|-----------------------|----------------------|--|--|--|--|-----|--|--|
|              |                              |   |                   | Peak Load Shaving | Self-consumption-Optimisation | Pre-load-storage | Emergency Power | Integrated                              | Manufacturer recommendation |                       |                      |  |  |  |  |     |  |  |
|              | Power Booster GSS0608        | 60 kW   | 79 kWh            |                   |                               |                  | -               | Own EMS BigLinX                         | Smart1, SolarLog            | ✓                     | NMC                  | up to 4 systems  | All-in-one-solution, Outdoor enclosures, easy, secured & quick installation  |  |  |     |  |  |
|              | Power Booster GSS0813        | 50 kW (Continuous power)                          | 111.6 kWh         | ✓                 | ✓                             | ✓                | ✓*              |   |                             |                       |                      | up to 8 systems  | All-in-one-solution, Outdoor enclosures, easy, secured & quick installation, no certification training required  |  |  |     |  |  |
|              | SRS2543                      | 25 kW   | 37.2 kWh          |                   |                               |                  | ✓               |   |                             |                       |                      | up to 5 systems  |  |  |  |     |  |  |
|              | Chess Pro                    | 88 kW   | 215 kWh           |                   |                               |                  | -               | Integrated Smart1 controller            | Smart1                      | ✓                     | LFP                  | up to 5 systems  | Outdoor capable, high energy density with low space requirement, flexible and simple installation  |  |  |     |  |  |
|              |                              | 184 kW (Discharge) / 100 kW (Charge)              | 215 kWh           | ✓                 | ✓                             | ✓                |                 |   |                             |                       |                      |  |  |  |  |     |  |  |
|              |                              | 125 - 500 kW (up to 1 C Discharge / 0,5 C Charge) | 215 - 1720 kWh    |                   |                               |                  | ✓               |   |                             |                       |                      |  | up to 1720 kWh   | Emergency power capable, outdoor capable, high energy density with low space requirement, flexible and simple installation |  |     |  |  |
|              | ETC/BTC with Lynx C          | 50 kW   | 101 kWh - 156 kWh |                   |                               |                  |                 | Own EMS                                 | -                           | ✓                     | LFP                  | planned  | Manufacturer's own complete system, installation location: indoor  |  |  |     |  |  |
|              | ETC/BTC with Lynx C          | 100 kW  | 101 - 936 kWh     | ✓                 | ✓                             | ✓                | ✓               |   |                             |                       |                      |  |  |  |  |     |  |  |
|              | EAC                          | 15 - 29.9 kW                                      | 60 - 180 kWh      |                   |                               |                  |                 |   |                             |                       |                      |  |  |  |  |     |  | Manufacturer's own all-in-one system, outdoor application, consists of ET 15-30 & battery storage system               |
|              | scalebloc                    | 25 / 50 / 68 kW                                   | 68 kWh            |                   |                               |                  |                 | Own EMS                                 | Smart1                      | ✓                     | NMC                  | 16 systems   | All-in-one-solution, Outdoor-enclosure with innovative climate technology, mechanical fire protection system, Indoor no separate battery space required for installation |  |  |     |  |  |
|              | scalestac                    | 25 kW - 400 kW                                    | 138 kWh - 554 kWh | ✓                 | ✓                             | ✓                | ready           |   |                             |                       |                      |  |  |  |  | LFP |  | Modular complete system flexibly expandable, Installation location, Plug & Play system, optional with high power cells |
|              | Commercial Storage System 30 | 30 kW   | 32 kWh            |                   |                               |                  |                 | Own EMS Sunny Portal powered by ennexOS | -                           | ✓                     | Li-NMC (Samsung SDI) | Up to 50 inverters and per inverter up to 4 battery cabinets | 10-year system warranty, complete integration into the SMA ennexOS   |  |  |     |  |  |
|              | Commercial Storage System 50 | 50 kW   | 56 kWh            | ✓                 | ✓                             | ✓                | ✓**             |   |                             |                       |                      |  |  |  |  |     |  |  |

\* The backup power light is only possible with one commercial storage system per project  
 \*\* Emergency power functionality available from 2024

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