

|              |                     |
|--------------|---------------------|
| <b>Model</b> | <b>BOS-B Pro-A3</b> |
|--------------|---------------------|

|                       |  |
|-----------------------|--|
| <b>Main Parameter</b> |  |
|-----------------------|--|

|   |                      |
|---|----------------------|
| Battery Module Energy ( kWh )             | 16.08                |
| Battery Module Nominal Voltage ( V )      | 51.2                 |
| Battery Module Capacity ( Ah )            | 314                  |
| Module Weight Approximate ( kg )          | 126                  |
| Battery Module Qty In Series ( Optional ) | 5~15                 |
| Matching Mode                             | 50kW Hybrid Inverter |
|   | 80kW Hybrid Inverter |
| Max.System Nominal Voltage ( V )          | 768                  |
| Max.System Energy ( kWh )                 | 241.5                |
| Max.System Usable Energy ( kWh )          | 217.04               |
| Max.Charge/Discharge Current ( A )        | 180                  |

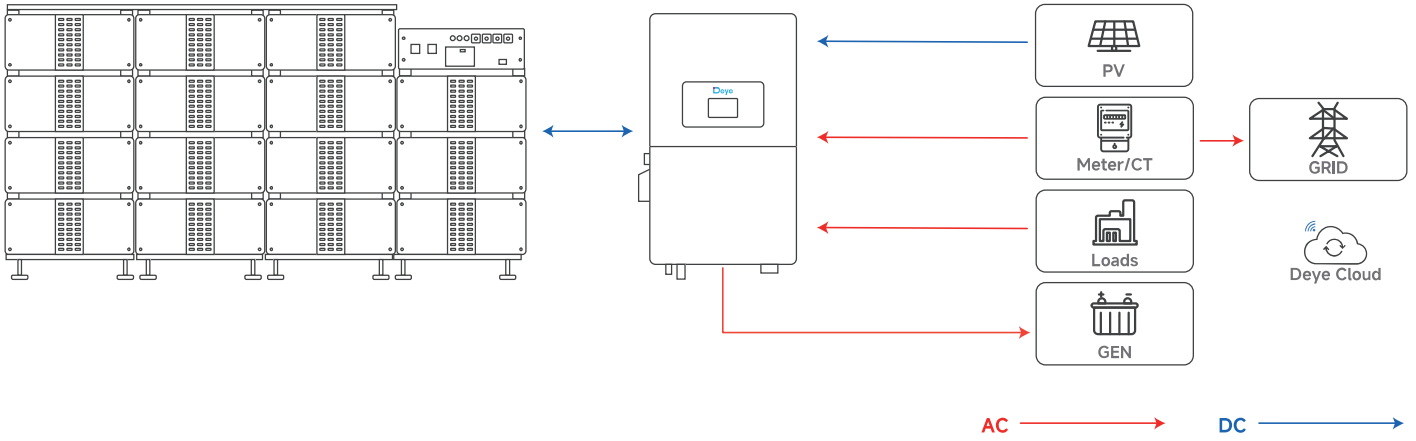
|                        |  |
|------------------------|--|
| <b>Other Parameter</b> |  |
|------------------------|--|

|                                    |   |
|------------------------------------|---|
| Operating Temperature ( °C )       | Charge : 0 ~ 55 Discharge : -20 ~ 55                              |
| Storage Temperature ( °C )         | 0 ~ 35  |
| Thermal Management                 | Smart fan cooling   |
| LCD Display                        | SOC / Fault Code  |
| Status Indicator                   | Yellow : Battery High Voltage Power On Red : Battery System Alarm |
| Communication Port                 | TCP / RS485 / CAN   |
| Communication With BMS             | CAN   |
| Humidity                           | 5% ~ 85%  |
| Altitude                           | ≤3000m  |
| IP Rating of Enclosure             | IP20  |
| Noise ( dB )                       | TBD   |
| System Dimension ( W × H × D, mm ) | 2150 × 1305 × 800   |
| System Weight Approximate ( kg )   | 2114  |
| Installation Location              | Rack Mounted  |
| Recommend Depth of Discharge       | 90%   |
| Cycle Life                         | 25±2°C, 0.5C / 0.5C, EOL70%≥6000                                  |
| Warranty Period                    | 10 years  |
| Certification                      | CE / IEC62619 / IEC62040 / UN38.3                                 |

Typical Application Scenarios

| Solution | Inverter model            | Batteries Configuration    |
|----------|---------------------------|----------------------------|
| 2h       | SUN-50K-SG02HP3-EU-BM4-P  | 7 units (BOS-B112 Pro-A3)  |
|          | SUN-60K-SG02HP3-EU/AU-EM6 | 8 units (BOS-B128 Pro-A3)  |
|          | SUN-80K-SG02HP3-EU/AU-EM6 | 10 units (BOS-B160 Pro-A3) |
| 3h       | SUN-30K-SG02HP3-EU-BM3-P  | 5 units (BOS-B96 Pro-A3)   |
|          | SUN-50K-SG02HP3-EU-BM4-P  | 10 units (BOS-B160 Pro-A3) |
|          | SUN-60K-SG02HP3-EU/AU-EM6 | 11 units (BOS-B176 Pro-A3) |
| 4h       | SUN-80K-SG02HP3-EU/AU-EM6 | 15 units (BOS-B240 Pro-A3) |
|          | SUN-30K-SG02HP3-EU-BM3    | 8 units (BOS-B128 Pro-A3)  |
|          | SUN-50K-SG02HP3-EU-BM4    | 13 units (BOS-B208 Pro-A3) |
|          | SUN-60K-SG02HP3-EU/AU-EM6 | 15 units (BOS-B240 Pro-A3) |

BOS-B Pro-A3 241.15kWh

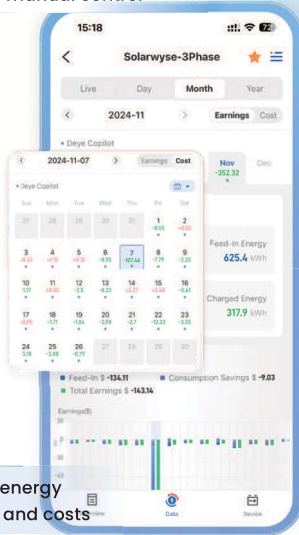


# Deye Cloud

## All-in-one Energy & Device Management Platform

- Unlock significant savings
- Individual Add-on for dynamic tariff
- Intelligent charging/discharging strategies
- Tailored solution to deye devices
- Real-time equipment monitoring
- Best energy scheduling solutions by Deye Copilot
- 24/7 AI Assistant support

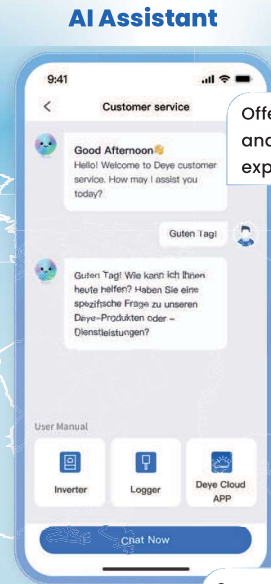
Switch flexibly between autonomous and manual control



Display energy savings and costs



Support dynamic tariff and flat-rate



### AI Assistant

Offer response suggestions and personalized support experience

Support over 30 languages

Analyze dynamic pricing, predict power load and PV generation to optimize energy dispatch and minimize electricity costs



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Manage your energy effortlessly

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