



# Approved Battery list

**Version:** DY-HV(160-800)-028

**Date Issued:** 2025-08-09

**Issued by:** Ningbo Deye Inverter Technology Co.,Ltd

*We Deye hereby authorize these inverter models are compatible with below brand batteries*

**Issued by:** Victor Liu  
Victor Liu

## Battery list

| Battery Brand<br>[DE] Batteriemarke.<br>[ES] Marcade baterías<br>[IT] Il marchio delle batterie |          |     |          | Battery Module<br>Quantity<br>[DE] Modulanzahl<br>[ES] Cantid de módulo<br>[IT] Quantità moduli | Inverter<br>[DE] Wechselrichter<br>[ES] Inversores<br>[IT] Inverter |             |               | Inverter System<br>[DE] Nein, nicht andersherum<br>[ES] Sistema inversor<br>[IT] Sistema invertitore |     | RS485 /CAN | Inverter Setup<br>[DE] Einstellen für den rückwärtsgang<br>[ES] Configuración de un inversor<br>[IT] Impostazione invertitore | Battery Approved Areas<br>[DE] Batterie Zugelassene Regionen<br>[ES] Zonas autorizadas para pilas<br>[IT] Zone omologate a batteria |
|---|----------|-----|----------|---|---|-------------|---------------|--|-----|------------|---|---|
| Model   | BMU      | BMS | Products |   | HMI Version   | MCU Version | Single System | Parallel System  |     |            |   |   |
| Deye  | GB-L     | -   | 2006     | 2-6   | SUN-5/6/8/10/12/15/20/25K-SG01HP3-EU-AM2                            | 2001-C032+  | 3002-1077+    | YES  | YES | CAN        | 00  | All   |
|   |          |     |          |   | SUN-25/29.9/30K-SG02HP3-EU-AM3                                      | 2001-C046+  | 3002-1095+    |  |     |            |   |   |
|   | GB-L Pro | -   | 4003     | 2-6   | SUN-5/6/8/10/12/15/20/25K-SG01HP3-EU-AM2                            | 2001-C032+  | 3002-1077+    |  |     |            |   |   |
|   |          |     |          |   | SUN-25/29.9/30K-SG02HP3-EU-AM3                                      | 2001-C046+  | 3002-1095+    |  |     |            |   |   |



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|---|-------|-----|----------|---|---|--|--------------------|---------------|--|--|----|-----|
| Model   | BMU   | BMS | Products | HMI Version   | MCU Version   | Single<br>System   | Parallel<br>System |               |  |  |    |     |
| Deye  | BOS-B | -   | 6103     | 5-15  | SUN-30/35K-SG01HP3-EU-BM3   | 2001-C032+   | 3102-1077+         | YES           | YES  | CAN  | 00 | All |
|   |       |     |          |   | SUN-40/50K-SG01HP3-EU-BM4   | 2001-C032+   | 3102-1077+         |               |  |  |    |     |
|   |       |     |          |   | SUN-60/70/75/80K-SG02HP3-EU-EM6                                     | 2001-C046+   | 3403-1402+         |               |  |  |    |     |
|   |       |     |          |   | SUN-100K-PCSL01HP3  | 8001-C019-4321+  | PCS-6012-1132+     |               |  |  |    |     |
|   | BOS-A | -   | 6001     | 7-21  | SUN-30/35K-SG01HP3-EU-BM3   | 2001-C032+   | 3102-1077+         |               |  |  |    |     |
|   |       |     |          |   | SUN-40/50K-SG01HP3-EU-BM4   | 2001-C032+   | 3102-1077+         |               |  |  |    |     |
|   |       |     |          |   | SUN-60/70/75/80K-SG02HP3-EU-EM6                                     | 2001-C046+   | 3403-1402+         |               |  |  |    |     |
|   |       |     |          |   | SUN-100K-PCSL01HP3  | 8001-C019-4321+  | PCS-6012-1132+     |               |  |  |    |     |
|   | BOS-G | -   | 1006     | 4-12  | SUN-5/6/8/10/12/15/20/25K-SG01HP3-EU-AM2                            | 2001-C032+   | 3002-1077+         |               |  |  |    |     |
|   |       |     |          |   | SUN-25/29.9/30K-SG02HP3-EU-AM3                                      | 2001-C046+   | 3002-1095+         |               |  |  |    |     |
|   |       |     |          |   | SUN-29.9/30/35K-SG01HP3-EU-BM3                                      | 2001-C032+   | 3102-1077+         |               |  |  |    |     |
|   |       |     |          |   | SUN-40/50K-SG01HP3-EU-BM4   | 2001-C032+   | 3102-1077+         |               |  |  |    |     |



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|---|-----------------------------------|------|----------|--|---|-------------|---------------|--|----|------------|---|---|
| Model   | BMU                               | BMS  | Products |  | HMI Version   | MCU Version | Single System | Parallel System  |    |            |   |   |
| PYLON   | Force H 2                         | -    | V1.8     | 2-6  | SUN-5/6/8/10/12/15/20K-SG01HP3-EU-AM2                               | 2001-C01F+  | 3001-1037+    | YES  | NO | CAN        | 00  | All   |
|   | Force H 1                         | -    | V1.8     | 4-8  | SUN-30K-SG01HP3-US-BM3/4  | 2001-C01F+  | 3102-F054+    | YES  | NO |            |   |   |
|   |                                   |      |          | 4-12   | SUN-5/6/8/10/12/15/20K-SG01HP3-EU-AM2                               |             | 3001-1037+    |  |    |            |   |   |
|   |                                   |      |          | 4-14   | SUN-29.9/30/35/40/50K-SG01HP3-EU-BM3/4/<br>SUN-60K-SG01HP3-US-BM3/4 |             | 3102-F054+    |  |    |            |   |   |
|   | Powercube Series                  | V3.2 | V5.6     | 4-8  | SUN-30K-SG01HP3-US-BM3/4  | 2001-C01F+  | 3102-F054+    | YES  | NO |            |   |   |
|   |                                   |      |          | 4-12   | SUN-5/6/8/10/12/15/20K-SG01HP3-EU-AM2                               |             | 3001-1037+    |  |    |            |   |   |
| 4-14  |                                   |      |          | SUN-29.9/30/35/40/50K-SG01HP3-EU-BM3/4/<br>SUN-60K-SG01HP3-US-BM3/4                            | 3102-F054+  |             |               |  |    |            |   |   |
| Dyness  | TOWER Series HV9637 (96-107V/25A) | -    | V1.8     | 2-4  | SUN-30K-SG01HP3-US-BM4  | 2001-C01F+  | 3102-1037+    | YES  | NO | CAN        | 00  | All   |
|   |                                   |      |          | 2-5  | SUN-5/6/8/10/12/15/20K-SG01HP3-EU-AM2                               | 2001-C01F+  | 3001-1037+    | YES  | NO |            |   |   |
|   |                                   |      |          | 2-5  | SUN-29.9/30/35/40/50K-SG01HP3-EU-BM4/<br>SUN-60K-SG01HP3-US-BM4     | 2001-C01F+  | 3102-1037+    | YES  | NO |            |   |   |
|   |                                   |      |          | 2-5  | SUN-80K-SG02HP3-EU-BM6  | 2001-C040+  | 3403-1403+    | YES  | NO |            |   |   |
| BYD   | HVS Series                        | 3.18 | 3.26     | 2-5  | SUN-5/6/8/10/12/15/20K-SG01HP3-EU-AM2                               | 2001-C01F+  | 3001-1037+    | YES  | NO | CAN        | 01  | All   |
|   | HVM Series                        |      |          | 4-8  | SUN-5/6/8/10/12/15/20K-SG01HP3-EU-AM2                               | 2001-C01F+  | 3001-1037+    | YES  | NO |            |   |   |
|   | Max-Lite Max-LiteIn (P6)          | 1.7  | 1.1      | 4-5  | SUN-30K-SG01HP3-US-BM4  | 2001-C03A+  | 3103-1086+    | YES  | NO |            |   |   |
|   |                                   |      |          | 4-7  | SUN-5/6/8/10/12/15/20/25K-SG01HP3-EU-AM2                            | 2001-C03A+  | 3001-1086+    | YES  | NO |            |   |   |
|   |                                   |      |          | 4-9  | SUN-29.9/30/35/40/50K-SG01HP3-EU-BM4/<br>SUN-60K-SG01HP3-US-BM4     | 2001-C03A+  | 3103-1086+    | YES  | NO |            |   |   |
|   |                                   |      |          | 4-11   | SUN-60/70/75/80K-SG02HP3-EU-EM6                                     | 2001-C048+  | 3403-1409+    | YES  | NO |            |   |   |



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|---|--|--------------------|--------------------|---|--|---|----------------|--|-----|------------|--|---|
| Model   | BMU  | BMS                | Products           |   | HMI Version  | MCU Version   | Single System  | Parallel System  |     |            |  |   |
| Wintersun   | Power-CORE 1.0                                       | 3.18               | 3.26               | 2-5   | SUN-5/6/8/10/12/15/20K-SG01HP3-EU-AM2                              | 2001-C01F+  | 3001-1037+     | YES  | NO  | CAN        | 01   | All   |
|   | Energy-CORE 1.0                                      |                    |                    | 3-8   | SUN-5/6/8/10/12/15/20K-SG01HP3-EU-AM2                              | 2001-C01F+  | 3001-1037+     | YES  | NO  |            |  |   |
| Sunwoda Energy  | SunESS-5/10/15/20H                                   | -                  | V103-31138         | -   | SUN-30K-SG01HP3-US-BM3/4   | 2001-C01F+  | 3102-1065+     | YES  | NO  | CAN        | 00   | All   |
|   |  |                    |                    | -   | SUN-5/6/8/10/12/15/20/25K-SG01HP3-EU-AM2                           |   | 3001-1065+     |  |     |            |  |   |
|   |  |                    |                    | -   | SUN-29.9/30/35/40/50K-SG01HP3-EU-BM3/4<br>SUN-60K-SG01HP3-US-BM3/4 |   | 3102-1065+     |  |     |            |  |   |
|   | CIESS Series<br>CIESS -R Series<br>CIESS -R-S Series | -                  | V3.48              | -   | SUN-30K-SG01HP3-US-BM3/4   | 2001-C01F+  | 3102-1065+     | YES  | YES | CAN        | 00   | All   |
|   |  |                    |                    | -   | SUN-5/6/8/10/12/15/20/25K-SG01HP3-EU-AM2                           |   | 3001-1065+     |  |     |            |  |   |
|   |  |                    |                    | -   | SUN-29.9/30/35/40/50K-SG01HP3-EU-BM3/4<br>SUN-60K-SG01HP3-US-BM3/4 |   | 3102-1065+     |  |     |            |  |   |
| GSL   | GSL-R60k   | GSL-HV0-16S-APP001 | GSL-HV0-16S-BMS001 | 4-8   | SUN-30K-SG01HP3-US-BM3/4   | 2001-C03A+  | 3103-1086+     | YES  | NO  | CAN        | 00   | All   |
|   |  |                    |                    | 4-12  | SUN-5/6/8/10/12/15/20/25K-SG01HP3-EU-AM2                           |   | 3001-1086+     |  |     |            |  |   |
|   |  |                    |                    | 4-12  | SUN-29.9/30/35/40/50K-SG01HP3-EU-BM3/4<br>SUN-60K-SG01HP3-US-BM3/4 |   | 3103-1086+     |  |     |            |  |   |
|   | HV G8EU  | -                  | 20-32S             | 3-5   | SUN-30K-SG01HP3-US-BM3/4   | 2001-C03A+  | 3103-1077+     | YES  | NO  | CAN        | 00   | All   |
|   |  |                    |                    | 3-8   | SUN-5/6/8/10/12/15/20/25K-SG01HP3-EU-AM2                           |   | 3001-1077+     |  |     |            |  |   |
|   |  |                    |                    | 3-8   | SUN-29.9/30/35/40/50K-SG01HP3-EU-BM3/4<br>SUN-60K-SG01HP3-US-BM3/4 |   | 3103-1077+     |  |     |            |  |   |
| WECO  | 5K3-XP-EU/<br>4k5HV/<br>14K3 RACK                    | -                  | -                  | 4-8   | SUN-30K-SG01HP3-US-BM3/4   | 2001-C01F+  | 3102-F054+     | YES  | YES | CAN        | 00   | All   |
|   |  |                    |                    | 4-12  | SUN-5/6/8/10/12/15/20K-SG01HP3-EU-AM2                              |   | 3001-1037+     |  |     |            |  |   |
|   |  |                    |                    | 4-13  | SUN-29.9/30/35/40/50K-SG01HP3-EU-BM3/4<br>SUN-60K-SG01HP3-US-BM3/4 |   | 3102-F054+     |  |     |            |  |   |
| Helio   | HL512100101601                                       | -                  | -                  | 4-13  | SUN-50K-SG01HP3-US-BM3/4   | 2001-C02E   | 3103-1065-1E08 | YES  | NO  | CAN        | 00   | All   |



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|---|--------------|-----|----------|---|---|-------------|------------------|--|-----|---------------|--|--|
| Model   | BMU          | BMS | Products |   | HMI Version   | MCU Version | Single<br>System | Parallel<br>System   |     |               |  |  |
| Deye  | BOS-GH       | -   | 1006     | 4-12  | SUN-30K-SG01HP3-US-BM3-277V   | 2001-C032+  | 3102-1077+       | YES  | YES | CAN           | 00   | All  |
|   |              |     |          |   | SUN-40/50/60K-SG01HP3-US-BM4-277V                                   | 2001-C032+  | 3102-1077+       |  |     |               |  |  |
|   | BOS-GL       | -   | 1006     | 4-12  | SUN-30K-SG01HP3-US-BM3-277V   | 2001-C032+  | 3102-1077+       |  |     |               |  |  |
|   |              |     |          |   | SUN-40/50/60K-SG01HP3-US-BM4-277V                                   | 2001-C032+  | 3102-1077+       |  |     |               |  |  |
|   | BOS-G Pro    | -   | 5002     | 5-16  | SUN-30/35K-SG01HP3-EU-BM3   | 2001-C032+  | 3102-1077+       |  |     |               |  |  |
|   |              |     |          |   | SUN-40/50K-SG01HP3-EU-BM4   | 2001-C032+  | 3102-1077+       |  |     |               |  |  |
|   |              |     |          |   | SUN-60/70/75/80K-SG02HP3-EU-EM6                                     | 2001-C046+  | 3403-1402+       |  |     |               |  |  |
|   | BOS-W        | -   | 5002     | 5-16  | SUN-30/35K-SG01HP3-EU-BM3   | 2001-C032+  | 3102-1077+       |  |     |               |  |  |
|   |              |     |          |   | SUN-40/50K-SG01HP3-EU-BM4   | 2001-C032+  | 3102-1077+       |  |     |               |  |  |
|   |              |     |          |   | SUN-60/70/75/80K-SG02HP3-EU-EM6                                     | 2001-C046+  | 3403-1402+       |  |     |               |  |  |
|   | GE-F60       | -   | 1207     | 1-6   | SUN-30/35K-SG01HP3-EU-BM3   | 2001-C032+  | 3102-1077+       |  |     |               |  |  |
|   |              |     |          |   | SUN-40/50K-SG01HP3-EU-BM4   | 2001-C032+  | 3102-1077+       |  |     |               |  |  |
|   | GE-FL60/FH60 | -   | 1207     | 1-6   | SUN-30K-SG01HP3-US-BM3-277V   | 2001-C032+  | 3102-1077+       |  |     |               |  |  |
|   |              |     |          |   | SUN-40/50/60K-SG01HP3-US-BM4-277V                                   | 2001-C032+  | 3102-1077+       |  |     |               |  |  |
|   | GE-F120      | -   | 1207     | 1-10  | SUN-30/35K-SG01HP3-EU-BM3   | 2001-C032+  | 3102-1077+       |  |     |               |  |  |
|   |              |     |          |   | SUN-40/50K-SG01HP3-EU-BM4   | 2001-C032+  | 3102-1077+       |  |     |               |  |  |
|   | SS-F5.0      | -   | -        | 1-6   | SUN-5/6/8/10/12/15/20/25K-SG01HP3-EU-AM2                            | 2001-C032+  | 3002-1077+       |  |     |               |  |  |
|   | SS-F10.0     | -   | -        | 1-6   | SUN-5/6/8/10/12/15/20/25K-SG01HP3-EU-AM2                            | 2001-C032+  | 3002-1077+       |  |     |               |  |  |
| GB-A  | -            | -   | -        | SUN-5/6/8K-SG02HP2-JP-FM2   | 2001-C046+  | 3301-1201+  |                  |  |     |               |  |  |

**Note:**

1. Please input inverter setup number to lithium mode for corresponding battery.
2. The purchaser should confirm with the battery supplier if the battery is compatible with Deye inverter, or Deye will not be liable for any failure that caused by communication issue.