

## PRACTICAL PROCUREMENT REFERENCE | FOR DISTRIBUTORS, INSTALLERS AND BUYERS

# Deye and Growatt Battery Compatibility: Exact Model Check

A practical model, voltage and communication check for distributors and installers.

**The fast answer**

Deye-compatible or Growatt-compatible is not a complete specification. The exact inverter suffix, battery family and BMS profile decide the match.

Use this reference when a customer names Deye or Growatt but has not yet fixed the exact inverter and battery model.

## Brand-family reference points

| Inverter family                      | Voltage class                  | What to verify                                                    |
|--------------------------------------|--------------------------------|-------------------------------------------------------------------|
| Deye SUN-3.6/5/6K-SG03LP1-EU         | Low voltage, typically 40-60 V | CAN/RS485 connection, battery list, profile and firmware          |
| Deye SUN-5/6/8/10/12K-SG04LP3-EU     | Low voltage, 40-60 V class     | Three-phase wiring, current, communication and approved list      |
| Deye high-voltage families           | High voltage                   | Exact series, battery modules, voltage window and country version |
| Growatt SPH BL-UP                    | Low voltage                    | Battery series, voltage range, BMS communication and firmware     |
| Growatt SPH BH-UP                    | High voltage                   | Module count, operating window, profile and country version       |
| Growatt MIN XH/XH2 and MOD XH/XH(BP) | High voltage                   | ARK XH or APX HV family, module count and commissioning           |

Use the exact model, document and supply route for the final quotation.

## Before the quotation

- Read the exact model and suffix from the nameplate.
- Confirm battery operating range, continuous current and peak current.
- Confirm CAN/RS485 pinout, protocol, baud rate, battery profile and master/slave setting.
- Confirm phase, EPS/backup, generator input, export limitation and firmware.

## Fast decision rule

Same brand, same nominal voltage or the same CAN port is not proof. A usable match requires exact voltage range, current capability, communication profile, topology and commissioning settings.

**Need a product match?**

CVC can help match product models, technical parameters and supply routes to the project requirement.

Website: [www.cvcenergy.com](http://www.cvcenergy.com)

WhatsApp phone / account: +66 99 581 9802

WhatsApp chat: [wa.me/66995819802](https://wa.me/66995819802)

Prepared as a concise sourcing reference. Confirm exact model, certificate scope, compatibility and warranty responsibility for the final quotation.