

# RS485 Wireless Bridge Compatibility List

The RS485 Bridge kit is offered in two variants. Both models have an effective range of 100 metres with the standard antennas, and 350 metres with the upgraded antennas (line-of-sight, no obstructions, ideal conditions).

Any unlisted inverter model has not been tested for compatibility. The bridges may be compatible with other RS485 devices, but no assurance of operation can be given without prior testing. The listed compatibilities are for the inverter-to-smart-meter connection. Inverters may use entirely different protocols for inverter-to-inverter or inverter-to-data-manager communication.



| Inverter Model                                    | USR "Standard" Bridge | IPW "Fast" Bridge |
|---|-----------------------|-------------------|
| Sungrow Residential and Hybrids (RS, RT, SH, etc) | X                     | ✓                 |
| Sungrow Commerical (CX, etc)                      | ✓ <sup>3</sup>        | ✓                 |
| Sungrow Logger1000                                | ✓ <sup>3</sup>        | ✓                 |
| Fronius SNAP, Tauro                               | ✓ <sup>3</sup>        | ✓                 |
| Fronius Verto, Gen24                              | X                     | ✓                 |
| SAJ   | ✓ <sup>3</sup>        | ✓                 |
| Solis   | ✓ <sup>3</sup>        | ✓                 |
| Growatt   | ✓ <sup>3</sup>        | ✓                 |
| Solax   | ✓ <sup>1,3</sup>      | ✓ <sup>1</sup>    |
| SolarEdge   | X                     | ✓ <sup>4</sup>    |
| Huawei  | X                     | ✓                 |
| Deye  | X                     | ✓                 |
| SoFar   | X                     | ✓                 |
| GoodWe  | X                     | ✓                 |
| NeoVolt   | X                     | ? <sup>2</sup>    |

| Notes: |   |
|--------|---|
| 1      | Communication settings vary across the manufacturer's range. Please include the exact model within your order.                  |
| 2      | Compatibility testing is ongoing. Please check back at a later date.  |
| 3      | Hybrid inverters almost always require the Fast Bridge units. This is due to the increased rate that the smart meter is polled. |
| 4      | Solar Edge Inverters do not use the default settings. Must be programmed with correct settings.                                 |