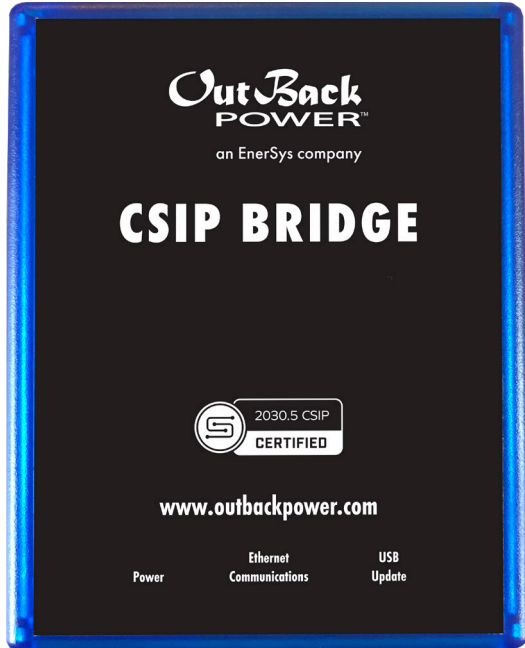# CSIP Bridge
Common Smart Inverter Profile

an EnerSys® company

- IEEE 2030.5 certified gateway
- Enables communication between MATE3s and the utility company
- Works with Radian or FXR Inverter installations

The CSIP Bridge by Outback Power™ provides a quick and simplified way to remain compliant with SunSpec IEEE 2030.5 regulations on existing Radian and FXR inverters.

The CSIP (Common Smart Inverter Profile) Bridge works seamlessly with the MATE3s system display and controller for both the Radian and FXR inverters. The device provides secure communications between a utility company and an inverter. This ensures compliance with California Rule 21, Phase 2, and key functions required in Phase 3.

Our CSIP Bridge makes it easy for installation in that the device itself does not need to be located near the MATE3s; it just needs to be on the same network. An installer-supplied Ethernet cable is used to connect the CSIP Bridge on the same LAN as the MATE3s. Indoor installation only.

The CSIP Bridge requires the MATE3s firmware to be updated to at least version 001.004.003. It requires a USB power supply (provided) and a USB computer connection cable (provided). Installers utilize their own computer for setup via USB connection.

The CSIP Bridge features LED indicators for operation and power. These are easily visible to ensure that the owner can quickly check its operations status. It also features a USB (Micro-B) port which both powers the device and acts as a communication device during the initial boot-up. The Ethernet communication port is used for SunSpec IEEE 2030.5 secure communications with the utility company. The product also has a standard USB port. All the features, simplicity of install and use make OutBack Power's CSIP Bridge the best choice in compliance for the IEEE 2030.5 regulation.

The SunSpec IEEE 2030.5 communications protocol was selected by the Smart Inverter Working Group (SIWG), which grew out of a collaboration between the CPUC and CEC to provide uniform requirements for communication support in Rule 21.

CSIP Bridge Specifications

Model:	CSIP Bridge
Weight (lb/kg)**:**	Individual unit: 2 / 0.91
Dimensions L × W × H (in/cm)**:**	**Unit:** 3.75 × 3 × 1.25 / 9.52 × 7.62 × 3.15 | **Shipping:** 14 × 9 × 4 / 35.56 × 22.86 × 10.16
Certifications:	SunSpec IEEE 2030.5
Operating Temperature Range:	−40° to 60°C
Environmental Rating:	Indoor type 1
Warranty:	Standard 5 year
Inverter Compatibility:	**Radian A-Series inverter/charger:** GS8048A, GS4048A, FLEXpower Radian integrated systems | **FXR/VFXR A-Series inverter/charger:** FXR2524A, FXR3048A, VFXR3524A, VFXR3648A
Cabling Required:	USB (Micro-B), Ethernet cable, USB (A)
Remote Display Compatibility:	MATE3s required
Network Connection:	Local area network connection of MATE3s
Firmware Required:	MATE3s firmware 001.004.003 or above