

## Grid Tied Solar

## SGT-EMU

Interface	
Powerline	Enphase Proprietary
LAN	10/100/1000 Auto-sensing, Auto-negotiating
Power Requirements	
AC Outlet	120 Vac, 60 Hz
Power Consumption	5 Watts
Mechanical Data	
Dimensions (WxHxD) in Inches	7.75" x 5" x 2.38"
Weight	2.0lbs
Ambient Temperature Range	-20°C to +65°C
Cooling Enclosure Environmental Rating	Natural Convection - No Fans
	Indoor - NEMA 1
Features	
Standard Warranty Term	1 Year
Compliance	UL 1950, EN 6950 FCC Part 15 Class B



Additional information available upon request.

The **SGT-EMU** is a communications gateway that collects performance information for each **SGT-160 Kit** in a installed system and transmits this data to the Enlighten™ website, where users can view and manage the performance of their solar power system.

The **SGT-EMU** can be plugged into any standard AC outlet. Enphase Micro-inverters transmit data over the existing power line. No additional wiring is required. Once the unit is plugged in to an AC outlet, simply connect an Ethernet cable from the **SGT-EMU** into a broadband router. Performance data is transmitted using broadband Ethernet protocols for immediate access to performance information.

The Enlighten website provides a wide range of information on the performance of the solar power system and individual modules. A graphical representation of the **SGT-160** solar array provides "at a glance" information on the status of each module. More detailed information, including current and lifetime performance metrics, give users a true view of the benefits of the solar energy installation.

Enlighten automatically monitors the performance of every **SGT-160** in the system. No additional monitoring hardware or software is needed. Unlike third party monitoring systems, which only monitor the inverter, Enlighten provides unprecedented visibility into the performance of every individual **SGT-160** module installed.

