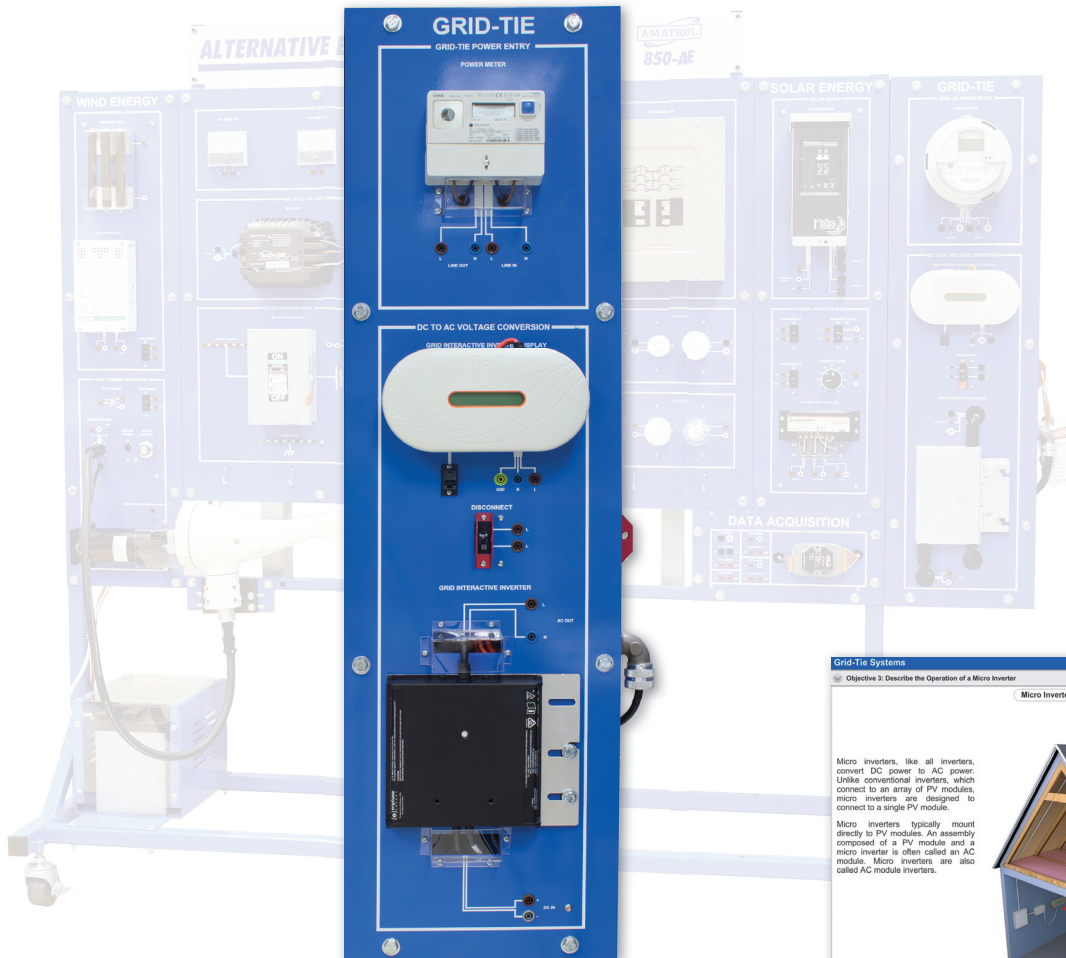
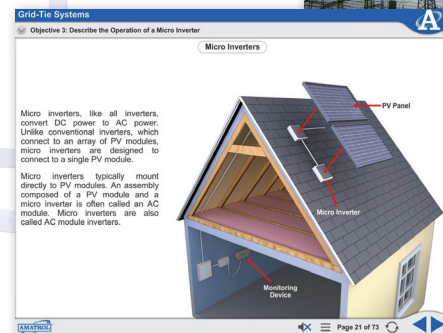
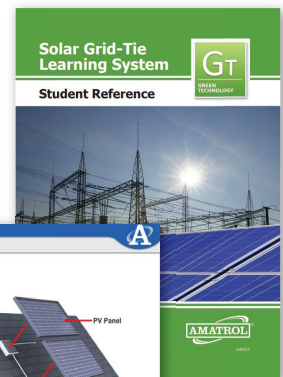


Grid-Tie Learning System – Solar

85-GT1



Solar Grid-Tie Learning System (85-GT1)



Interactive Multimedia Curriculum and Student Reference Guide

Learning Topics:

- Grid-Tie Inverters
- System Codes and Standards
- System Operation
- Inverter Stacking
- Micro Inverter Monitoring Device
- Interconnection Codes
- Net Metering

The demand for qualified solar technicians is rising, as more consumers and businesses apply solar energy systems in their communities, and employers prefer technician candidates who are certified. The Grid-Tie Learning System - Solar (85-GT1) features real-world components that are commonly found in commercial and residential environments to help make learners job-ready and prepares them for certifications. For example, the 85-GT1 is equipped with a Photovoltaic Combiner box and a multiple panel solar array, allowing learners to connect panels in series and parallel; a meter that measures and registers electric energy in single phase two-wire networks using globally-recognized products; and an Enphase Solar Microinverter that helps students understand converting DC generated by a single solar module to AC.

The 85-GT1 Grid-Tie Learning System - Solar is an expansion system that can greatly expand the capability of the 850-Alternative Energy Learning Systems (850-AEC or 850-AES). It features a single phase inverter that enables the system to connect to the classroom grid, typical of PV systems being installed today. Featuring interactive multimedia curriculum and a student reference guide, the 85-GT1 covers critical skill areas like inverters, system codes and standards, and system operation.

Technical Data

Complete technical specifications available upon request.

- Component Panel
- Solar Grid Tie Inverter
- Ancillary Components
- Regular Banana Lead Set (20315)
- Interactive Multimedia Curriculum (M20317)
- Instructor's Guide (C20317)
- Installation Guide (D20317)
- Student Reference Guide (H20317)

Additional Requirements:

Adds to one of the following:
850-AEC or 850-AES

Computer, see requirements: <http://www.amatrol.com/support/computer-requirements/>

Utilities Required:

208V/60Hz/3ph electrical

