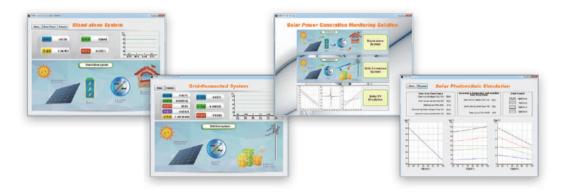
Solar Photovoltaic System FPT-SPS-N10 J



Features

- To study principle and composition of a solar photovoltaic system.
- Selective 2-Way light source.
- Possible to practice 2 kind of inverter.
- Provide a systematic training contents.
- Package Analysis Program. [GREEN PV AP SPS N10]
 (Real Time Monitoring & Measurement & Analysis)



[GREEN PV AP SPS N10]

Specification

- Photovoltaic Cell & Solar Simulator
 - Photovoltaic Cell
 - Pmax: 10[W] x 2Ea
 - Temperature & Radiation Sensor
- System Analysis & Measurement Controller
 - External Display Port
 - Size: 12.1"
- System Analysis Program
- Radiation, I-V and V-P Characteristic Graph
- Data Save Function
- Load System
 - LED Lamp
 - Virtual Air Conditioner & Washing Machine
- Size
 - 645(W) X 485(D) X 1960(H)mm

- Grid-Connected Inverter System
 - Capacity: 500[W]
 - Inverter Output & Connected Voltage
 - 1Phase, AC 220[V] ±3%
- Control Method : MPPT control
- Stand-Alone Inverter System
- Capacity: 500[W] ±10%
- Battery : DC 12[V] / 7[Ah]
- Multi Function Power DATA Measurement System
- Voltage / Current / Active, Reactive Power
- Power Factor / Frequency / Power Generation
- Real Time Monitoring Function
- Communication
 - PC Interface
- Display: LCD Type

Training Contents

- Measurement of a Photovoltaic System
- By-Pass Diode Characteristic
- Battery System
- Stand-Alone Inverter System

- Load Characteristic of a Photovoltaic System
- Characteristic Curves of a Photovoltaic System
- PV System Design
- Grid-Connected Inverter System

Accessory

- Training Manual: 1Copy
- Power Cable: 1Ea

- Banana Plug: 1Set
- Analysis Program [GREEN PV AP SPS N10]: 1Copy