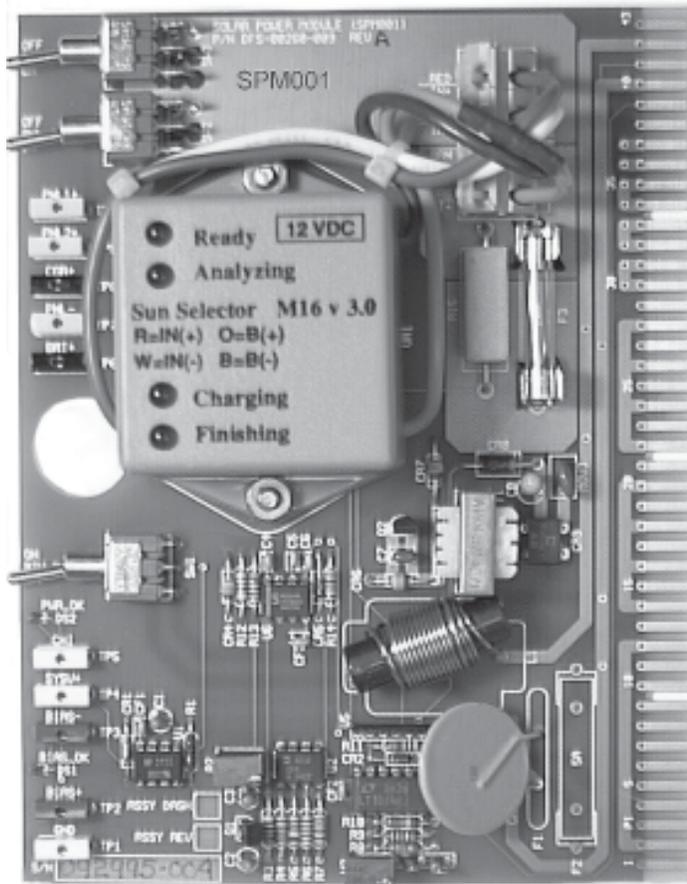


SOLAR POWER MODULE



Features

- ◆ RTU power output to Radio Interface Module
- ◆ Isolated DC Bias
- ◆ LEDs on power and shutdown
- ◆ No adjustments, switches or straps (self-configuring)
- ◆ Keyed to prevent damage
- ◆ Gold edge connector fingers
- ◆ Module removable without disturbing field wiring
- ◆ Controls charging currents of up to 18 amps
- ◆ Will charge a completely dead battery
- ◆ Four LED status indicators on solar charge controller (Ready, Analyzing, Charging, Finishing)

Description

The Solar Power Module (SPM001) uses energy from the sun to power a remote RTU. The SPM001, while providing power to the RTU, simultaneously charges a battery that can be used for power when the sun is not visible.



Data Flow Systems, Inc. * 605 N John Rodes Blvd * Melbourne, FL 32934 * (321)259-5009

SOLAR POWER MODULE (SPM001)

Brief Specifications

The Solar Power Module (SPM001) shall use energy from the sun to power a remote RTU. The SPM001, while providing power to the RTU, shall simultaneously charge a battery that can be used for power when the sun is not visible.

Technical Data

- Board size: 5.25" x 6.850"
- Input voltage (max): 25 VDC VOC
- Input voltage for battery charging (min): battery voltage + 1.5 VDC
- Input current (max): 18 A
- Bias output drive: up to 12 digital input points
- Output voltage: 14.35 VDC (max)

Order Model: SPM001

Warranty

Data Flow Systems, Inc. (DFS) offers a one (1) year on-site warranty covering defects in materials and workmanship. All DFS "plug-in" function modules, Pump Control Units (PCU), Supervisory Control Units (SCU), and Back Pack Radios (BPR) carry an extended two (2) year return-to-factory warranty. This extended warranty does not cover misuse, vandalism, or Acts of God. However, these items are warranted against damage due to lightning for the entire three-year period.

Represented by

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