
POWER SUPPLY MODULE

DESIGNED FOR USE WITH THE 200 SERIES RTU FAMILY, DFS RTU MODULES ARE ASSEMBLED FROM THE HIGHEST QUALITY COMPONENTS AND DESIGNED TO MAXIMIZE USABILITY WHILE MINIMIZING INSTALLATION, MAINTENANCE, AND DOWNTIME.

The Power Supply Module (PSM) provides highly efficient conversion of 115 VAC power to 13.8 VDC power. The same model PSM is used in every Hyper SCADA Server (HSS), Central Terminal Unit (CTU), and 200 Series RTU.

The PSM features an isolated, unregulated +24V output for biasing up to 24 digital or six (6) analog input points. This output also provides for charging of the 12V backup battery co-located in the same enclosure, and supports the RIM interface for shutdown and power fail detect.



FEATURES AT A GLANCE

- Remote shutdown from open collector driver
- On-board circuit breaker
- Isolated 24 VDC bias for powering up to 24 digital or six (6) analog inputs
- RTU power status to Radio Interface Module (Opto-isolated, open collector output)
- On-board voltage regulation
- LEDs for power, bias, and shutdown
- Surge protected (non-destructive)
- Removable without disturbing field wiring
- No on-board adjustments, switches, or straps (self-configuring)
- Keyed to prevent damage

SPECIFICATIONS

Model	PSM003-1
Board Size	5.25" x 6.88"
Input Voltage	85-132 VAC
Bias Output Drive	120mA
Output Voltage	13.8 VDC
Output Power	100 watts
LEDs	Power, bias, shutdown

WARRANTY

This product carries a one (1) year return-to-factory warranty against defects in material and workmanship. When installed with factory recommended surge protection, the return-to-factory warranty is extended to three (3) years and is also covered against damage due to lightning and surge. DFS will repair or replace at its option, F.O.B. Melbourne, Florida, any part or parts of this product during the warranty period. A Return Authorization (RA) must be obtained by contacting the DFS Factory Repair Center at 321-259-5009 or by email at rma@dataflowsys.com.