



Preliminary product information

SMM

ASEA Power System's micro-processor controlled SMM (Shore Management Module) provides basic Shore Power control and metering. Automatic phase-rotation monitoring and correction (via user supplied contactors) eliminates the need for customized, crew managed switching solutions. Automatic transformer tap control (via user supplied contactors). Complete monitoring of shore power and transformer secondary voltage, frequency, and form (dropped-leg). ASEA Power System's programming resources provide for further customization for OEM applications.

- Push-button Open/Close controls with bright visual indicators for one or two shore cords.
- Audible alarm and diagnostics.
- Back-feed (Reverse Power) protection and Overload Detection.
- User configurable limits including voltage, frequency, back-feed, and overload levels.
- Factory settings for transformer characteristics (primary and secondary voltage, frequency, form, and kVA).
- Direct voltage metering supporting all international power forms: 0-500 Vac, Single or Three-Phase, 40-70Hz.
- Completely ground-isolated construction for ungrounded AC and DC electrical systems.
- User selectable voltage-to-voltage ratio for voltage metering potential transformer use.
- Current transformer inputs for current metering including user selectable amps-to-amps ratio.
- Manual circuit breaker controls on rear panel can be wired into ship's +24 Vdc for maximum redundancy.
- Powered from any available energy source simultaneously, via optional Universal Input Power Supply.
- Long-life, LED-type On-line indicator(s).
- Switchgear Panel mountable, 16.00" (406mm) Width, 6.20" (158mm) Height, 4.9" (125mm) Depth case (7.5"/191mm on back of case for power supply).
- Interfaces with ASEA's **GMM** (Generator Management Module) and **SGM** (Switch Gear management Module) for extended control functionality.



ASEA Power Systems is here to support all of your power conversion needs!