



RM648HE/RM848HE Rectifiers

If power density, efficiency and reliability are required, the RM648HE/RM848HE rectifiers are just right for the job. The building block of the Sentinel DC Power System, this modular rack-mounted rectifier boasts integrated AC metering, a robust universal AC input, high efficiency and a quality high power DC output.

Designed to meet the energy demands of ICT applications and growing telecommunications networks, where it can offer unrivaled power densities and flexibility, it's been built to last. These rectifier modules are hot-swappable for quick and easy deployment, minimizing installation time and maximizing uptime with a one-year warranty.

Trust the Sentinel for reliable and dependable DC power making it **The Powerful Difference**

KEY FEATURES

- High Efficiency energy saving
- Universal AC input with metering
- Forced-air cooled
- Thermally protected
- Power factor corrected
- Input/output voltage and current protected

| ELECTRICAL | 2) | ž fl | 2) | ž fl |
|--|---|------|--------------------------------------|-----------------------------|
| AC INPUT RATINGS | | | | |
| NOMINAL VOLTAGE: | 110VAC | | 230VAC | |
| INPUT VOLTAGE RANGE: | 85-175VAC (reduced below 100VAC) | | 85-300VAC (reduced below 175VAC) | |
| POWER FACTOR: | >93.0% | | >95.0% | |
| PEAK EFFICIENCY: | | | | |
| DC OUPUT RATINGS | | | | |
| NOMINAL VOLTAGE: | 48VDC | | | |
| VOLTAGE RANGE: | 43-60VDC | | | |
| MAXIMUM OUPUT CURRENT: | 12.5A | | 17.9A | |
| OUTPUT POWER: | 600W | | 860W | |
| ENVIRONMENTAL REQUIREMENTS | | | | |
| AMBIENT TEMPERATURE | -20°C TO 75°C [-4°F TO 167°F] (max. output power derated above 45°C[113°F]) | | | |
| MECHANICAL | | | | |
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