

YNEB0450BM-2A00P10



Feature

- 221.0 (L) x 50.5 (W) x 40.2 (H) mm
- N+1 Redundant
- Support PMBus 1.2
- High Power Density 19.2 W/in³
- Application for IPC/Storage/Embedded server/Networking



| INPUT | |
|-----------------------|---|
| Input Voltage | 90-264VAC,190-310VDC |
| Input Frequency | 47-63Hz |
| Input Current | 6.0A max at 115VAC,3A max at 240VAC |
| Inrush Current | 60A max at 264VAC |
| Power Factor | 0.95 at 115VAC / 60Hz,0.95 at 230V / 50Hz |
| Earth Leakage Current | 3.5mA max at 240VAC / 50Hz |

| GENERAL | |
|---------------|---|
| Efficiency | 80 Plus PLATINUM certified,Highest efficiency 94% at 230VAC |
| Power Density | 19.2 W/in ³ |
| MTBF | 100 kHrs per Telcordia SR-332 issue3 at 40°C ambient |

| ENVIRONMENTAL | |
|-----------------------|--|
| Operating Temperature | 0 to 55°C |
| Operating Humidity | 85% RH, Non-condensing |
| Storage Temperature | -40°C to +70 °C |
| Operating Altitude | Sea level to 5,000 M |
| Shock Operating | 10G, no malfunction |
| Non-Operating | 50G no damage |
| Vibration Operating | 0.01G ² /Hz at 10Hz, 0.02G ² /Hz at 20Hz |
| Non-Operating | 0.02G ² /Hz form 20Hz to 1kHz |

| EMC & SAFETY | |
|--------------------|--|
| Emissions | EN55032, class A Conducted / EN55032, class A Radiated |
| Harmonic Currents | EN61000-3-2 |
| Voltage Flicker | EN61000-3-3 |
| EFT/Burst | EN61000-4-4 |
| Surge | EN61000-4-5 |
| Conducted Immunity | EN61000-4-6 |
| Safety Approvals | UL/cUL, TUV, CB, CE, CCC, FCC |

| Output | Minimum Load | Maximum Load | Condition | Ripple & Noise |
|--------|--------------|--------------|-----------|----------------|
| +12V | 0A | 37.5A | | 120mV p-p |
| +5Vsb | 0A | 3.0A | | 50mV p-p |

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