

Power Through Pulse-Mode RF Demands with New MEAN WELL Solutions

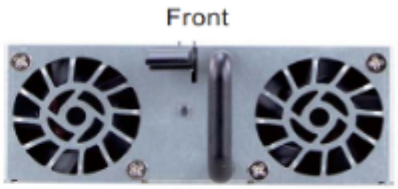
Description

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Radar and pulse-mode RF systems demand more than standard power supplies can deliver. The MEAN WELL NCP-3200-48CAN-CDI and NSP-3200-48CAN-CDI are engineered for these high-speed, high-peak applications with a 3.2 kW, 48 V pulse-optimized design featuring active droop compensation and a high-speed bulk-capacitance interface. Supporting up to 110 A peak current at 500 Î¼s pulse width and 20% duty cycle with less than 2 V droop, they help deliver cleaner, more stable, and more repeatable pulse performance.







The NCP-3200-48CAN-CDI offers a hot-swappable 1U rack-mount design for serviceable, fault-tolerant systems, while the NSP-3200-48CAN-CDI provides a rugged fixed-mount solder-lug option for harsh installations. Together, they provide a smarter path to stable 48 V power for radar, communications transmitters, defense and aerospace systems, and RF test environments.

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Key Features:

- Universal AC input/Full range
- High efficiency up to 94.5%
- Built-in programmable output voltage and output current
- Built-in OR-ing FET or Diode, support hot swap (hot plug)
- Active current sharing up to 10 rack shelves
- Maximum connected power supply â€“ 40 units in parallel
- Intelligent fan speed control
- Protections: Short circuit/overload/over voltage/over temperature
- 5 years warranty



Solder Lug Option

Get started now

Contact CDI today to request samples, discuss your application, and learn which pulse-optimized MEAN WELL solution is right for your next design.

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Author
eisha-khalidcdiweb-com

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