



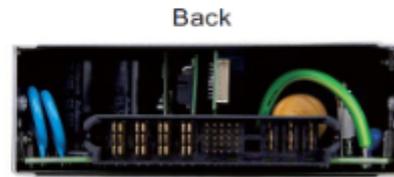
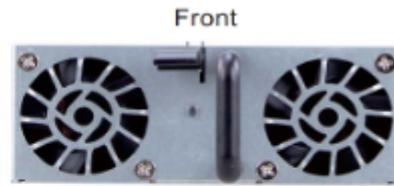
## Power Through Pulse-Mode RF Demands with New MEAN WELL Solutions

### Description



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  $\mu$ s pulse width and 20% duty cycle with less than 2 V droop, they help deliver cleaner, more stable, and more repeatable pulse performance.

Dimension			
L	W	H	
325.8	107	41 (1U)	mm
12.82	4.21	1.61 (1U)	inch



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.

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 “ 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.

[Shop Now](#)

### **Category**

1. Ewave
2. MEAN WELL USA
3. Power Electronics

### **Date Created**

March 18, 2026

### **Author**

eisha-khalidcdiweb-com

*default watermark*