

24V Smart Power Distribution & Management Unit (PDMU)

High-Current Power Distribution, Load
Management & Protection for Mission-
Critical Vehicle Platforms

PD12324V-20R

The PD12324V-20R is a rugged 24VDC power distribution and management unit designed for tactical and industrial vehicle platforms. It integrates high-current switching, intelligent load management, and system protection into a compact, sealed system for reliable operation in harsh environments


KEY FEATURES

- 20-channel 24VDC power distribution
- Up to 495A continuous / 515A peak output
- Integrated contactor-based switching (EV200)
- Advanced LVLVD battery protection and load management
- Automatic load shedding and recovery
- Circuit-breaker protected output channels
- Surge suppression and reverse polarity protection
- LED status indicators and audible alarm
- EMI/RFI filtered interfaces
- IP67 sealed rugged enclosure
- Designed for extreme temperature and vibration environments

APPLICATIONS

- Military ground vehicles
- Tactical and armored platforms
- Command and control systems
- Autonomous and unmanned systems
- Law enforcement vehicles
- Industrial and off-road equipment
- Mobile power distribution systems
- Custom vehicle electrical integration

For quotes and customization requests, please
contact Digital Power Corporation at

 **(877) 634-0982**