



■ Features

- Wide input voltage range.
- High power density.
- Precision current control.
- Remote monitoring and control.
- Real-load battery testing.
- Comprehensive data logging.
- Compatible with multiple battery types.

■ Applications

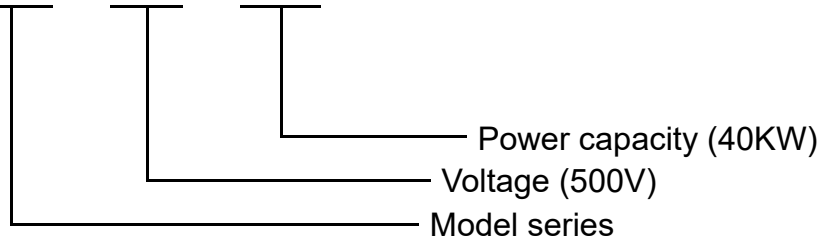
- Battery Testing Facilities
- Power Plants
- Telecommunications
- Railway & Metro Systems
- Oil & Gas Industry
- Military & Aerospace
- Data Centers

■ Description

The PDL500 DC Loadbank is ideal for accurate battery testing and discharge. With an input voltage range up to 10,500V, it suits various industrial power systems. Its compact design delivers high power density, making it perfect for space-limited environments. Precision current control ensures a stable discharge with less than 0.5A accuracy. The system supports remote monitoring and control, allowing tests in quiet, controlled settings. Comprehensive data logging enables real-time graphing and report generation. Compatible with Ni-Cd, lead-acid, and lithium batteries, it offers versatility. The unit operates with low heat and noise, ensuring user comfort, while a user-friendly interface simplifies setup and operation.

■ Model encoding

PDL - 500 - 40K



■ Specification

| Model | | PDL 500-40K | PDL 500-80K |
|-----------------------|-------------------------|-------------------------------|-------------|
| Physical Properties | Voltage Range (V) | 10~500 | |
| | Power Rating (KW) | 40 | 80 |
| | Cooling Method | Vertical Air Force by fan | |
| | Minimum Load Step | 0.5 A | |
| | Dimensions (W*L*H) (cm) | 35*78*50 | 46*95*75 |
| | Weight (KG) | 55 | 85 |
| Electrical Properties | Power Switching | Power IGBT & Mosfet | |
| | Auxiliary Input Power | AC 220V, 50HZ, 6A | |
| Ambient Parameters | Temperature Range (°C) | 0-50 °C for Indoor use | |
| What it Can Test | Tested Items | Batteries & DC Power Supplies | |