

LINEGUARD LDB Series

DC LOAD BANK

Microprocessor Controlled Battery Discharger & Analyzer



Features:

- Microprocessor controlled automatic discharge procedure with digital read-out on discharge data.
- Constant current discharge.
- Reverse polarity protection.
- Low voltage automatic shut-down.
- Discharge time record meter.
- Stepless continuously variable current adjustment.
- Over-temperature protection.
- IGBT and PWM technology for compact and lightweight.
- Window based software data logging, screen view and control (Optional).

Technical Specifications

Model	:	LBD 12-160V100A MC
Auxiliary Power Supply	:	AC 240V Single Phase 50Hz/60Hz
Battery Input Voltage	:	12V to 160V
Discharge Current	:	0 to 100A
Current Stability	:	+/-1% and +/-1A
Instrumentations	:	Digital read-out for DC voltage, DC current discharge time duration and cumulative discharge Ah.
Control Technology	:	Microprocessor programming switched load control.
Current Adjustment	:	0 to 100%
Auxiliary Power Connection	:	2 meter AC cord with 13A IEC plug top
Battery Power Connection	:	Copper bar terminals with bolts and nuts supplied with a pair of 3meter length flexible DC cables and connectors.
Resistor Elements	:	Nichrome wire.
Cooling Method	:	Forced air cooling.
Ambient Temperature	:	0 to 45 degree Celcius
Relative Humidity	:	95% non-condensing
Cubicle Construction	:	Aluminium clad with epoxy coating floor stand with castors.
Cubicle Protection	:	IP 21
Dimension (mm)	:	H900 x W550 x D900 (subject to change)
Weight (kg)	:	Approximately 45

*Note : Subjecting to continuous improvement, the real unit may differ from the picture shown.