



DEKAL[®] LOAD BANKS

DEKAL LOAD BANKS - DEKAL POWER LLC
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PORTABLE RESISTIVE 270 V DC LOAD BANK with DIGITAL POWER METER; WiFi & USB CONNECTION CAPABLE

SPECIFICALLY DESIGNED RUGGED UNIT FOR
TESTING & SERVICING OF VARIOUS 270 V DC
POWER SOURCES AND UNIQUE PDF REPORT



TECHNICAL SPECIFICATION

MLB-72DW

VOLTAGE [V]	270 V DC \pm 5 %
LOAD / POWER [kW]	0 - 72 kW \pm 5 %
3 LINE HIGH BRIGHTNESS RED LED DISPLAY CLASS: \pm 0.5% FS+2C	V / A / kW
WiFi & USB INTERFACE SPECIFICATIONS	WiFi NETWORK OR USB PLUG IN CONNECTION FOR DATA PRINTOUT/ARCHIVE, INCLUDING FREE DEKAL LICENSED SOFTWARE & USB CABLE
RATE SWITCH REG. LOAD STEPS \pm 5% ROUGH ADJUSTMENTS - 8 kW STEPS POWER [kW]	<u>8 SEQUENCE STEPS:</u> 8 - 16 kW 16 - 24 kW 24 - 32 kW 32 - 40 kW 40 - 48 kW 48 - 56 kW 56 - 64 kW 64 - 72 kW
28 V DC load (THREE STAGE SWITCH)	min. 7.5A - OFF - max. 15A
FORCED AIR COOLING [m ³ /min & CFM]	51.45 m ³ /min - 1817 CFM

SIZE, WEIGHT & CLASSIFICATION

TESTING PROCEDURE ACCORDING	ISO 6858, DSF 400, MIL-SPEC ARP, 5015,
DEVICE CLASSIFICATION	CE marking, DIN, VDE, IEC
LOAD BANK SIZE [L x W x H] mm / Kg	630 x 225 x 445 / 25
LOAD BANK SIZE [L x W x H] In / Lbs	24.8 x 8.8 x 17.5 / 55
TRANSPORT CASING [L x W x H] mm / Kg	690 x 290 x 550 / 19
TRANSPORT CASING [L x W x H] In / Lbs	27.2 x 11.4 x 21.6 / 42

Including transport carrying case per unit / All specifications are subject to change without further notice



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ADVANTAGES of 270V DC LOAD BANKS

- **Simple operation** suitable for non-trained operators and personnel; no maintenance required
- Suitable for **workshop or airside** operation; silent unit rated at <70 dB(A) at 7m / 23Ft
- **Cant protection** - load bank works only when positioned on flat horizontal surface
- **Digital load banks do not require any further calibration process once delivered**
- **Free DEKAL licensed software application and proper drivers included**
- **All measurements possible to archive and printout, including diagram graphics**
- **In accordance & fully complied with AFI 33-115 volume 2, Certified by: SAF/A6C**
- 270 V DC receptacle **in accordance with NATO & MIL-C-81790** specification
- Intended for **cable assembly** which utilizes a single-jacket design and **meets MIL-C-7974**
- Housing made of **non-corrosive parts with component quality control** by the manufacturer
- **High reliability with multiple thermal protection** - extremely resistant to high temperature
- **Extra safety and isolated jack sockets** for connecting external voltage measuring device
- **Short worldwide delivery period** with tracking feature and insurance for all products
- Spare parts availability and **accurate on-time deliveries** by appointed courier
- **Transport casing** with pull up handle as standard for every load bank manufactured
- **2 years full warranty with extension option** for all DEKAL load banks
- CE certification - health, safety, and environmental protection standards
- Made for GPU's testing procedure according to ISO 6858, DFS 400, ARP 5015
- Classification CE marking, DIN, VDE, IEC, IP 21 protection rate level



NCAGE CODE: 1267Q

