



# DEKAL<sup>®</sup> LOAD BANKS

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**TRAVELER'S EXTRA LIGHT WEIGHT  
RESISTIVE 400 Hz AC PORTABLE  
LOAD BANK with DIGITAL POWER  
METER and USB CONNECTION for  
GENERATING ON-SITE TEST REPORT**

**SPECIFICALLY DESIGNED RUGGED UNIT FOR  
TESTING & SERVICING OF VARIOUS 400 Hz  
AC POWER SOURCES AND DETAILED PDF  
REPORT**



## TECHNICAL SPECIFICATION

## ALB-L-100DU

VOLTAGE [V] * FREQUENCY [Hz]	115 / 200 V AC ± 10 %* 400 Hz ± 10 %
LOAD / POWER [kW / kVA cosφ=1]	0 - 104 kW ± 5 %
3 LINE HIGH BRIGHTNESS RED LED DISPLAY CLASS: ±0.5 %S ACC. IEC 62053-22:2003	V / A / Hz / cosφ=1 / kW / kVA
USB CONNECTION SPECIFICATIONS	SIMPLE USB PLUG IN CONNECTION FOR DATA PRINTOUT/ARCHIVE, INCLUDING FREE DEKAL LICENSED SOFTWARE and USB CABLE INCLUDED
RATE SWITCH REG. LOAD STEPS ± 5% ROUGH ADJUSTMENTS: 8 kW STEPS FINE ADJUSTMENT: 0 - 8 kW [POTENTIOMETER] POWER [kW / kVA cosφ=1]	<u>12 SEQUENCE STEPS:</u> 08 - 16 Kw * 16 - 24 kW * 24 - 32 kW * 32 - 40 kW 40 - 48 kW * 48 - 56 kW * 56 - 64 kW * 64 - 72 kW 72 - 80 kW * 80 - 88 kW * 88 - 96 kW * 96 - 104 kW
GPU TESTING [PROPOSAL PROCEDURE]	LOAD raising from 0 → 100% ± 30 seconds; HOLD at 100% ± 5 min; LOAD decrease from 100 → 0% ± 10 minutes
DECARBONISING [PROPOSAL PROCEDURE]	LOAD raising from 0 → 100% ± 30 seconds; HOLD at 100% ± 45 min.; LOAD decrease from 100 → 0% ± 15 minutes
400 Hz AC 6-POLE RECEPTACLE TYPE	MIL-C-81790 and CURRENT NATO STANDARDS
FORCED AIR COOLING [m <sup>3</sup> /min & CFM]	66.15 m <sup>3</sup> /min - 2340 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	510 x 210 x 450 / 26
LOAD BANK SIZE [L x W x H] In / Lbs	20 x 8.3 x 17.7 / 57
TRANSPORT CASING [L x W x H] mm / Kg	630 x 600 x 330 / 9
TRANSPORT CASING [L x W x H] In / Lbs	24.8 x 23.6 x 13 / 19

Including light MIL-SPEC carrying case per unit / All specifications are subject to change without further notice

## ADVANTAGES of 400Hz AC 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
- MIL-SPEC casing with pull up handle as standard for every lightweight load bank
- Case is waterproof and in accordance with MIL-STD-810F, FED-STD-101C and ATA 300
- 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
- 400 Hz AC 6-Pole receptacle in accordance with NATO & MIL-C-81790 specification
- Fine load regulation knob as standard for complete series of 400 Hz AC load banks
- 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
- 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
- Customs classification Harmonized System tariff code HS: 8516808000



NCAGE CODE: 1267Q



Excellent SME



Highest Creditworthiness

