

**DEKAL  
LOAD BANKS®**

DEKAL LOAD BANKS \* DEKAL AGREGATI LLC  
UL. LUDVIKA PLAMBERGERJA 25  
SI-2204 MIKLAVZ NA DR. POLJU  
SLOVENIA \* EU



DEKAL LOAD BANKS USA LLC  
c/o CATALYST CONNECTION  
2000 TECHNOLOGY DRIVE  
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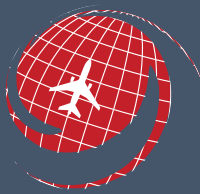
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## PORTABLE RESISTIVE 400 Hz LOAD BANKS - DIGITAL WiFi & USB

SPECIFICALLY DESIGNED RUGGED UNITS USED FOR THE TESTING AND SERVICING OF 400 Hz 115 / 200 V GPU's



TECHNICAL SPECIFICATION	ALB-45DW	ALB-80DW	ALB-100DW	ALB-120DW	ALB-140DW
VOLTAGE [V] * FREQUENCY [Hz]	115 / 200 V AC ± 10 % * 400 Hz ± 10 %				
LOAD / POWER [kW / kVA cosφ=1]	0 - 48 kW ± 5 %	0 - 80 kW ± 5 %	0 - 104 kW ± 5 %	0 - 120 kW ± 5 %	0 - 144 kW ± 5 %
FINE ADJUSTMENT - POTENTIOMETER	0 - 8 kW	0 - 8 kW	0 - 8 kW	0 - 8 kW	0 - 8 kW
RATE SWITCH REG. LOAD STEPS ± 5 % ROUGH ADJUSTMENTS - 8 kW STEPS POWER [kW / kVA cosφ=1]	<b>5 SEQUENCE STEPS:</b>  8 - 16 kW 16 - 24 kW 24 - 32 kW 32 - 40 kW 40 - 48 kW	<b>9 SEQUENCE STEPS:</b>  8 - 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	<b>12 SEQUENCE STEPS:</b>  8 - 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	<b>14 SEQUENCE STEPS:</b>  8 - 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 104 - 112 kW 112 - 120 kW	<b>17 SEQUENCE STEPS:</b>  8 - 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 104 - 112 kW 112 - 120 kW 120 - 128 kW 128 - 136 kW 136 - 144 kW
FORCED AIR COOLING [m³/min & CFM]	44.10 m³/min - 1560 CFM	66.15 m³/min - 2340 CFM	88.20 m³/min - 3120 CFM	88.20 m³/min - 3120 CFM	88.20 m³/min - 3120 CFM
<b>MEASUREMENTS &amp; INDICATIONS</b>					
DIGITAL POWER METER PARAMETERS WiFi & USB INTERFACE SPECIFICATIONS	3 LINE HIGH BRIGHTNESS RED LED DISPLAY DISPLAY CLASS: ±0.5 % ; S ACC. IEC 62053-22:2003; DISPLAYED: V / A / Hz / cosφ=1 / kW / kVA; WiFi NETWORK OR USB PLUG IN CONNECTION FOR DATA PRINTOUT/ARCHIVE, INCLUDING FREE DEKAL LICENSED SOFTWARE & USB CABLE				
LIGHT INDICATION	PHASE INDICATION, PHASE ROTATION, INTERLOCK CIRCUIT				
GPU TESTING PROCEDURE*	*Proposal procedure: LOAD raising from 0 → 100% ◊ 30 seconds; HOLD at 100% ◊ 5 minutes; LOAD decrease from 100 → 0% ◊ 10 minutes				
ENGINE DECARBONISING*	*Proposal procedure: LOAD raising from 0 → 100% ◊ 30 seconds; HOLD at 100% ◊ 45 minutes; LOAD decrease from 100 → 0% ◊ 15 minutes				
<b>DIMENSIONS &amp; WEIGHT</b>					
LOAD BANK SIZE [L x W x H] mm / Kg LOAD BANK SIZE [L x W x H] In / Lbs	600 x 230 x 630 / 26 23.6 x 9.05 x 24.8 / 55	600 x 230 x 630 / 28 23.6 x 9.05 x 24.8 / 59	600 x 230 x 630 / 31 23.6 x 9.05 x 24.8 / 66	600 x 230 x 630 / 34 23.6 x 9.05 x 24.8 / 73	600 x 230 x 630 / 36 23.6 x 9.05 x 24.8 / 77
TRANSPORT CASING [L x W x H] mm / Kg TRANSPORT CASING [L x W x H] In / Lbs	710 x 290 x 860 / 19 27.9 x 11.4 x 33.9 / 42	710 x 290 x 860 / 19 27.9 x 11.4 x 33.9 / 42	710 x 290 x 860 / 19 27.9 x 11.4 x 33.9 / 42	710 x 290 x 860 / 19 27.9 x 11.4 x 33.9 / 42	710 x 290 x 860 / 19 27.9 x 11.4 x 33.9 / 42
LOAD BANK PAINTING / TRANSPORT CASING	POWDER COATING FINE STRUCTURE 71319 IGP - SWISS QUALITY / HIGH GRADE ALUMINUM				
Including transport carrying case per unit / All specifications are subject to change without further notice					



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## ADVANTAGES OF DEKAL LOAD BANKS

- ▶ **Simple operation** suitable for non-trained operators
- ▶ **Silent operations** < 70 dB(A) at the distance of 7m / 23Ft
- ▶ Suitable for **workshop and/or airside operation**
- ▶ **Environmental operating temperature** from -20 °C to 55 °C / -4 °F to 122 °F
- ▶ **Transport casing** with pull up handle as standard for each load bank
- ▶ Triple thermal protection - **extremely resistant** to high temperature
- ▶ **Cant protection** - load bank works only in horizontal position
- ▶ **Phase detection** - load bank works only if all ABC phases are available
- ▶ Phase rotation indicator - **phase sequence of three-phase voltages**
- ▶ **Fine regulation** as standard for all **Digital and Analogue 400 Hz AC** load banks
- ▶ Free **DEKAL licensed software application** included
- ▶ All **measurements possible to archive or printout**
- ▶ Aluminum housing and **non-corrosive parts**
- ▶ **High component quality control** by manufacturer
- ▶ **High reliability** - effective standardization process
- ▶ Cable pin jacks - **unique user friendly safety feature** for external voltage test
- ▶ Spare parts availability and **accurate on-time deliveries**
- ▶ **Short worldwide delivery period** with tracking feature
- ▶ **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



Excellent SME



Creditworthiness Rating



D-U-N-S®  
REGISTERED