



DEKAL[®] LOAD BANKS

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REACTIVE 56 kVAr MOBILE LOAD BANK with DIGITAL POWER METER; WiFi & USB CONNECTION CAPABLE

SPECIFICALLY DESIGNED RUGGED UNIT FOR
TESTING & DIAGNOSE OF VARIOUS 400 Hz AC
POWER SOURCES WITH LAGGING POWER FACTOR
AND UNIQUE PDF TEST REPORT



TECHNICAL SPECIFICATION

ALBI-56DW

FREQUENCY [Hz]	400 Hz AC \pm 5 %																																											
LOAD [kVAr]	0 - 56 kVAr \pm 5 %																																											
3 LINE HIGH BRIGHTNESS RED LED DISPLAY CLASS: $\pm 0.5\%$ FS+2C	V / A / Hz / kW / kVAr / PF																																											
WiFi & USB INTERFACE SPECIFICATIONS	WiFi NETWORK OR USB PLUG-IN CONNECTION FOR DATA PRINTOUT/ARCHIVE, INCLUDING FREE DEKAL LICENSED SOFTWARE & USB CABLE																																											
REACTIVE LOADBANK RATE SWITCH REG. LOAD STEPS \pm 5% ROUGH ADJUSTMENTS - 8 kVAr EACH STEP 8, 16, 24, 32, 40, 48, 56 kVAr In parallel connection with any DEKAL RESISTIVE LOAD BANK	<table border="1"> <thead> <tr> <th>kW</th> <th>kVA</th> <th>kVAr</th> <th>PF</th> </tr> </thead> <tbody> <tr><td>8</td><td>8</td><td>0</td><td>1</td></tr> <tr><td>16</td><td>16</td><td>0</td><td>1</td></tr> <tr><td>24</td><td>30</td><td>8</td><td>0,95</td></tr> <tr><td>32</td><td>40</td><td>16</td><td>0,90</td></tr> <tr><td>40</td><td>50</td><td>24</td><td>0,84</td></tr> <tr><td>48</td><td>60</td><td>32</td><td>0,83</td></tr> <tr><td>56</td><td>70</td><td>40</td><td>0,82</td></tr> <tr><td>64</td><td>80</td><td>48</td><td>0,81</td></tr> <tr><td>72</td><td>90</td><td>56</td><td>0,80</td></tr> </tbody> </table>				kW	kVA	kVAr	PF	8	8	0	1	16	16	0	1	24	30	8	0,95	32	40	16	0,90	40	50	24	0,84	48	60	32	0,83	56	70	40	0,82	64	80	48	0,81	72	90	56	0,80
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TYPE OF CONNECTION	400 Hz 6-Pole compatible with NATO and MIL-C-81790																																											
LAG/LEAD TESTING PROCEDURE, DIAGNOSE	In accordance with STANAG 3456(7) and MIL-STD-704F																																											
LOAD BANK TYPE & CONFIGURATION	MOBILE by integrated wheels, STATIC with frame adapter																																											
RESISTIVE LOAD BANK CONNECTION	New DEKAL patented concept with slide-in option																																											
FORCED AIR COOLING [m ³ /min - CFM]	Constant 44.10 M ³ /MIN - 1560 CFM																																											

SIZE, WEIGHT & CLASSIFICATION

TESTING PROCEDURE IN ACCORDANCE	ISO 6858, IP 21, DSF 400, MIL-SPEC ARP, 5015
LOAD BANK SIZE [L x W x H] mm / Kg	980 x 450 x 800 / 148
LOAD BANK SIZE [L x W x H] In / Lbs	38.6 x 17.7 x 31.5 / 324

All specifications are subject to change without further notice

ADVANTAGES of REACTIVE LOAD BANK

- **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
- **Mobile reactive unit with predetermined and controllable capacity of 56 kVAr**
- **Fully mobile** by integrated wheels and **simple conversion to stationary unit** if required
- **New patented concept with slide-in option** to attach any Dekal resistive 400Hz AC unit
- **No cable inconvenience when reactive & resistive units are combined for testing**
- **Fully adjustable load parameters in seven sequence steps**; each rated at 8 kVAr
- **Free DEKAL licensed software application & proper drivers included**
- **All measurements possible to archive & 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
- **First advanced digital indication of Voltage [V], Current [A] and Frequency [Hz]**
- 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 measurement 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
- **Classification CE** marking, DIN, VDE, IEC, **IP 21 protection rate level**
- CE certification - health, safety, and environmental protection standards
- Customs classification **Harmonized System tariff code HS: 8516808000**

