

# DEKAL LOAD BANKS®

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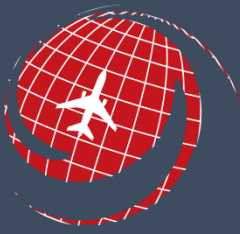


## PORTABLE RESISTIVE 400 Hz DIGITAL LOAD BANK WITH EXTERNAL POWER SUPPLY MODULE

SPECIFICALLY DESIGNED RUGGED UNITS FOR THE TESTING  
AND SERVICING OF 400 Hz GPU'S

TECHNICAL SPECIFICATION	ALB-120DW +EP10
VOLTAGE [V]	115 /200 VAC $\pm$ 10 %
FREQUENCY [Hz]	400 Hz $\pm$ 10 %
LOAD / POWER [kW / kVA] [ $\cos\phi=1$ ]	120 kW $\pm$ 5 %
3 LINE HIGH BRIGHTNESS RED LED DISPLAY CLASS: $\pm$ 0.5% S ACC. IEC 62053-22:2003	V / A / Hz / $\cos\phi=1$ / kW / kVA
CONNECTION TO PC (USB CABLE & SOFTWARE INCL.)	USB & WiFi
LOAD TEST PROPOSAL FOR GPU TESTING	LOAD raising within 30 sec. from 0 to 100% LOAD, HOLD on 100% LOAD for 5 min LOAD decreasing within 10 min from 100 to 0% LOAD
LOAD TEST PROPOSAL FOR ENGINE DECARBONISING	LOAD raising within 30 sec. from 0 to 100% LOAD, HOLD on 100% LOAD for 45 min LOAD decreasing within 15 min from 100 to 0% LOAD
FORCED AIR COOLING [CFM]	3120 CFM
<b>EP10 or EP20 OPTION</b>	
ADDITIONAL EXTERNAL POWER SUPPLY EP-10	110 V AC / 60 Hz $\pm$ 20 %
ADDITIONAL EXTERNAL POWER SUPPLY EP-20	230 V AC / 50 Hz $\pm$ 20 %
MAIN CABLE LENGTH	8 Ft
SWITCHING TIME BETWEEN GPU & MAINS POWER SUPPLY	<20 ms
<b>NORMS</b>	
STANDARDS	ISO 6858, DSF 400, ARP 5015
CLASIFICATION	CE marking, DIN, VDE, IEC
<b>ENVIRONMENT</b>	
OPERATING TEMPERATURE	- 4 to 131 °F
MAXIMUM ALTITUDE	3280 Ft (w/o downgrading), max. 6561Ft
RELATIVE HUMIDITY	0% - 95% (W/o Condensation)
DEGREE OF PROTECTION	IP 21
LOAD BANK DIMENSIONS [L x W x H] / [lbs]	24.8 x 9 x 24.8 / 68
EXT. POW. SUPPLY MODULE DIMENSIONS [L x W x H] / [lbs]	2.7 x 9 x 24.8 / 14
PAINTING	POWDER COATING FINE STRUCTURE 71319 IGP / Swiss quality

Including carrying & shipping case per unit / All specifications are subject to change without notice



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## PORTABLE RESISTIVE 400 Hz DIGITAL LOAD BANK WITH EXTERNAL POWER SUPPLY MODULE

- GPU OUTPUT CAN BE SWITCHED OFF IN CASE OF GPU OVERLOAD
- LOAD BANK IS UNINTERRUPTED ENERGISED OVER ADDITIONAL POWER SUPPLY
- LOAD BANK COOLING AND CONNECTION TO THE PC STAY ESTABLISHED OVER ADDITIONAL POWER SUPPLY
- ALL MEASUREMENTS INCL. »GPU SWITCH OFF OVERLOAD PEAK« WILL BE RECORDED



### ADDITIONAL POWER SUPPLY MODULE

230 V AC □ 50 Hz  
110 V AC □ 60 Hz



GPU - PRIMARY POWER  
SUPPLY