



DEKAL LOAD BANKS®

DEKAL LOAD BANKS – DEKAL AGREGATI L.T.D.
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PORTABLE RESISTIVE 400 Hz DIGITAL LOAD BANK WITH EXTERNAL POWER SUPPLY

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



TECHNICAL SPECIFICATION	ALB-140D + EP20
VOLTAGE [V]	115 /200 VAC ± 10 %
FREQUENCY [Hz]	400 Hz ± 10 %
LOAD / POWER [kW / kVA] [cosφ=1]	144 kW ± 10 %
3 LINE HIGH BRIGHTNESS RED LED DISPLAY CLASS: ±0.5% S ACC. IEC 62053-22:2003	V / A / Hz / cosφ=1 / kW / kVA
CONNECTION TO PC (LAN CABLE & SOFTWARE INCL.)	LAN+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
COOLING - FORCED [m³/min]	88,20
EP10 or EP20 OPTION	
ADDITIONAL EXTERNAL POWER SUPPLY EP-10	110 V AC / 60 Hz ± 20 %
ADDITIONAL EXTERNAL POWER SUPPLY EP-20	230 V AC / 50 Hz ± 20 %
MAINS CABLE INCL.	2,5 m
SWITCHING TIME BETWEEN GPU & MAINS POWER SUPPLY	<20 ms
NORMS	
STANDARDS	ISO 6858, DSF 400, ARP 5015
CLASIFICACION	CE marking, DIN, VDE, IEC
ENVIRONMENT	
OPERATING TEMPERATURE	-20 to 55 °C
MAXIMUM ALTITUDE	1000 m (W/o Downgrading), max.2000m
RELATIVE HUMIDITY	0% - 85% (W/o Condensation)
NOISE LEVEL	<70 dB(A) at 7 m
DEGREE OF PROTECTION	IP 21
DIMENSIONS [L x B x H] / [kg]	630 x 230 x 630 / 40
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

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

GPU - PRIMARY POWER SUPPLY



ADDITIONAL POWER SUPPLY

230 V AC / 50 Hz
110 V AC / 60 Hz

