



400Hz LOAD BANKS FOR GROUND POWER UNITS

Why load banks are needed :

➤ Burning free the engine

Aircraft ground power units are usually operated with only a low load. The result: the diesel engine soots up and has to be burned free with a higher load (resistance). As a rule, 80% of the rated power of a GPU is sufficient to burn free

➤ Functional check

of the GPUs at different load levels. The load banks have individually switchable resistors and are therefore also suitable for smaller ground power units.

➤ Quality assurance

Storage of measurement data (optional) for verification and performance development of GPUs

➤ Mobile use

The DEKAL load devices are mobile and also very suitable for setting up permanently installed systems



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TECHNICAL DATA

AIRPORT SUPPLY
FOR SAFE DEPARTURE



	ALB-45	ALB-80	ALB-100	ALB-120	ALB-140
Performance	0 - 48kW	0 - 80kW	0 - 104kW	0 - 120kW	0 - 144kW
Tolerance	+/- 10%				
Voltage	115/200V AC +/- 10% 400Hz +/- 10%				
Fine adjustment	0 - 8kW				
Rough adjustment	8 - 16kW 16 - 24kW 24 - 32kW 32 - 40kW 40 - 48kW	8 - 16kW 16 - 24kW 24 - 32kW 32 - 40kW 40 - 48kW 48 - 56kW 56 - 64kW 64 - 72kW 72 - 80kW	8 - 16kW 16 - 24kW 24 - 32kW 32 - 40kW 40 - 48kW 48 - 56kW 56 - 64kW 64 - 72kW 72 - 80kW 80 - 88kW 88 - 96kW 96 - 104kW	8 - 16kW 16 - 24kW 24 - 32kW 32 - 40kW 40 - 48kW 48 - 56kW 56 - 64kW 64 - 72kW 72 - 80kW 80 - 88kW 88 - 96kW 96 - 104kW 104 - 112kW 112 - 120kW	8 - 16kW 16 - 24kW 24 - 32kW 32 - 40kW 40 - 48kW 48 - 56kW 56 - 64kW 64 - 72kW 72 - 80kW 80 - 88kW 88 - 96kW 96 - 104kW 104 - 112kW 112 - 120kW 120 - 128kW 128 - 136kW 136 - 144kW
Displays	voltmeter, amperemeter, frequencemeter				
Luminous displays	Phase display, phase rotation, interlock circuit				
Dimensions	600 x 230 x 630mm				
Weight in kg	25	27	30	33	35
Delivery content	Including transport box additional weight 19kg				
Painting	Fine powder coating structure 71319 IGP - Swiss quality				

All above mentioned model are available in different versions:

	AP - Analog (Analog Panel)	DP - Digital (Digital Panel)	DU/ DW Digital mit USB/ WiFi
Displays	Pointer instrument	Digital display LCD LCD background adjustable red, green, white	Digital display LED
Voltage	1 Phase	1 Phase	3 Phasen A-B-C
Frequency	1 Phase	1 Phase	1 Phase
Current	Single phase		3 Phases A-B-C
Data storage	Not possible	Not possible	USB Connection + WiFi with Laptop, Smartphone, Tablet
Tolerance	1,5%	0,1 - 1%	0,5%

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