

# LOAD BANK



40kW-120kW 400Hz AC-Digital  
300A-2000A 28.5V DC Digital

SMART &  
FUTURISTIC GSE



**MAK CONTROLS AND SYSTEMS PVT. LTD.**  
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**TRUSTED GSE BRAND FOR FOUR DECADES IN 40+ COUNTRIES**

# LOAD BANK AC

40kW-144kW 400Hz AC Digital



## TECHNICAL SPECIFICATIONS★

VOLTAGE (AC)	115V/200V±15%
FREQUENCY (HZ)	400Hz±20%
LOAD	40kW to 120 kW±5% @ 1.0 PF
CONTROL PANEL	MAK GSEM-LBA touch screen based GUI
UNIT LOAD	User selectable from 0-100%
CONTINUOUS OPERATION	45Minutes @ 100% load
MODE OF OPERATION	Bypass, Interlock
PROTECTION	Phase reversal (PR)
COOLING	Air cooled via cooling fans
PC INTERFACE	USB with 5mtr cable (Included)
DATA LOGGING	MAK LBMS software with data logger
OPERATING TEMPERATURE	-20°C to +55°C (-4°F to +131°F)
RELATIVE HUMIDITY	0% to 95% without condensation
NOISE LEVEL	<68 dB
INGRESS PROTECTION DEGREE	Up to IP21

★ Due to continuous development, the Dimensions, Layout, Configuration and Specification are subject to change without notice.

# LOAD BANK DC

300A-2000A 28.5V DC Digital



## TECHNICAL SPECIFICATIONS★

VOLATGE (DC)	28.5V±20%
LOAD (A)	Continuous - 300A / 600A Aircraft starting simulation Up to 2000A ±10%
CONTROL PANEL	MAK GSEM-LBA touch screen based GUI
CONTINUOUS LOAD	300A and 600A for 45minutes @28.5V DC
AIRCRAFT STARTING LOAD	Auto simulation 2000A-1500A-600A-300A
COOLING	Air cooled via cooling fans
PC INTERFACE	USB with 5mtr cable (Included)
DATA LOGGING	MAK LBMS software with data logger
OPERATING TEMPERATURE	-20°C to+55°C (-4°F to +131°F)
RELATIVE HUMIDITY	0% to 95% without condensation
NOISE LEVEL	<68 dB
INGRESS PROTECTION DEGREE	Up to IP21

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# LOAD BANK AC

## SALIENT FEATURES:

- High performance cooling system
- Standard aircraft power receptacle
- Control panel with touch screen
- Compact & lightweight aluminum enclosure
- Trolley with rollers for easy movement
- E & F circuit indicator

# LOAD BANK DC

## SALIENT FEATURES

- High performance cooling system
- Standard aircraft power receptacle
- 300A continuous load simulating aircraft starting conditions
- Control panel with touch screen
- Compact & lightweight aluminum enclosure
- Trolley with rollers for easy movement

ONE STOP DESIGN AND SYSTEM INTEGRATION HOUSE FOR ALL YOUR ENGINEERING NEEDS

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