

tough control power



Touch

Sephco's twenty years of development has culminated in an intelligent and reliable range of digitally controlled load banks. At the touch of your fingertips, user-friendly programs display accurate status and provide efficient operation management. Sephco load banks feature the most advanced control and data acquisition systems available.



Control

Sephco load banks offer compactness, quiet operation and low maintenance. Weatherproof and corrosion-proof, the transportable design offers outstanding features, which puts you in total control.



Power

Leading the world in load bank technology, Sephco gives you the power to meet the most challenging of test regimes that modern power-system demand.

Sephco innovative design overcomes the limitations found in other brands, exceeding your expectations and requirements.





MWA SERIES

MULTI VOLTAGE LOAD BANKS

MWA Series Load Banks are dual voltage units designed to test a variety of sizes of generating sets.

Typical applications include generator manufacturing, workshop type servicing and on site commissioning.

The units are portable or mobile and are also suitable for Trailer Mounting. Power output is maintained at either 240 volts 3 phase or 480 volts 3 phase, automatically adjusted on power-up.

MWA type Load Banks are completely weatherproof, vertically fan cooled, incorporating the SEPHCO SDL stainless steel immersion proof resistors. Safety protection includes the SEPHCO Triple Interlock load protection system which safeguards against fan failure, air flow restriction, high temperature and fan reversal.

Standard units are fitted with MC12P touch type LCD display control panel, featuring fan startup, kilowatt selection to 5 kW resolution, fan alarm LED, fan run-on LED and emergency stop. An additional switch is fitted for fan reversal. MWA Series Load banks operate on either 240 volts or 480 volts 3 phase. The control automatically detects the genset voltage to provide maximum kilowattage at either voltage.

Multiple unit control is also available with load banks fitted with the **LC12M** type controller systems. These control systems will allow coupling of up to seven additional MWA Series load banks or RM Series inductive modules.

The user can build up the load bank capacity as the need arises like 'building blocks'. Coupling the LC12 system with the load bank, the user can expand the load capacity by adding more units as required to suit larger capacity generator sets. Adding a reactive type load bank (RM Series) to the system will also provide the user with power factor loading facility.

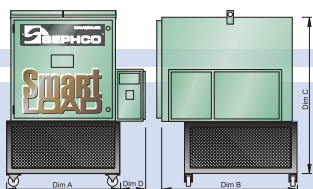
Each load bank is fitted with a control input/output plug socket and a ten foot long lead for looping to additional load banks or reactors. The LC12M control system will auto-tune itself to the load capacity as more units are coupled together.

Additional control features include touch type control, LCD display, menu pull-ups, screen prompting, kilowatt selection kVa and power factor control, manual loading, automated test profiles, metering display, data acquisition and downloading to PC for printed reporting.

Test cells can be fitted with several LC12 type controllers for individual control of load banks when testing several gensets simultaneously. Additionally, by looping the load banks together with the loop data cables supplied, the load banks can then become one large unit. Remove the loop cables and the load banks revert back to their individual status.

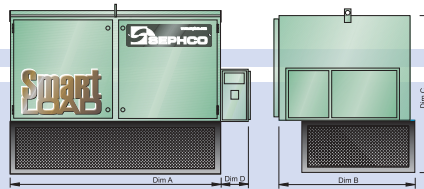
The SEPHCO LC12D Data Logging Controller is available as an optional control system.

Auxiliary power sockets are available as an optional fitting to the load bank.



MWA 100kW - 300kW Load Banks

Model	Rating	Load Steps	A	B	C	D	Weight	Noise Level
MWA4V-100MC	100 kW	5 kW	96.5"	46.6"	53.5"	12"	759lbs.	68 dB
MWA4V-200MC	200 kW	5 kW	41.3"	50.6"	61.2"	12"	1045lbs.	72 dB
MWA6V-300MC	300 kW	5 kW	41.3"	50.6"	61.2"	12"	1122lbs.	72 dB



MWA 400kW - 600kW Load Banks

Model	Rating	Load Steps	A	B	C	D	Weight	Noise Level
MWA12V-400MC	400 kW	5 kW	96.5"	51.6"	63.0"	12"	2200lbs.	76 dB
MWA12V-500MC	500 kW	5 kW	96.5"	51.6"	63.0"	12"	2970lbs.	76 dB
MWA12V-600MC	600 kW	5 kW	96.5"	51.6"	63.0"	12"	3080lbs.	76 dB



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