

Datasheet: 40 -100kW Loadbank Range

Description				
Model		Transportable		Fixed
Country of Origin		United Kingdom		
Max Capacity - Packaged Loadbank		40kW - 100kW		
Voltage Max - Continuous Operation		380V - 415V		
Operating Frequency Range		50Hz		
Phases		3ph		
Wires (Star Connection)		4		
Load-Step Resolution @ Design Voltage		1kW		
Voltage Tolerance (Short Term Operation)		+5%		
Load Element Tolerance		+/-5%		
Elements		80/20 nickel chrome resistance wire		
Insulation Test		500V		
Auxiliary Supply Voltage		220V - 240V	380V- 415V	
Operating Frequency Range		50Hz	50Hz	
Phases		1ph	3ph	
Load Connections		M8 Terminals or Copper Busbars		
Protection		Thermal Emergency Cut Out		
		Fan Overload		
		Emergency Stop		
Control Voltage		Selectable - Test or Auxiliary		
Cooling Method		Forced Air Cooling (Horizontal)		
Air-Flow (Approx.)		85m³/min		
Load Switching Category		AC-1 Resistive		
Load Switching Contactor Type		3 Pole AC Contactors		
Rated Maximum Ambient Temperature Operation		+40°C / +104°F		
Rated Minimum Ambient Temperature Operation		-20°C / -4°F		
Rated Maximum Relative Humidity		95% RH		
Altitude Rating		<500m [m.a.s.l.]		
Enclosure		Sheet Steel		
Finish		White - RAL9016		
Control Chamber IP Rating		IP55		
Lifting		Lifting Eyes x2		
Enclosure Dimensions		Castors	Channels	Fixed *
Length (Approx.)	mm	750	750	845
Width (Approx.)	mm	875	875	875
Height (Approx.)	mm	728	675	675
Total Weight (Approx.)	kg	130	130	140
Loadbank Control Systems				
Control		KCS		MCS
		KCS100H - 10m Lead		PC Software or HHT
Optional Extras:		VIP - Power Meter		Modbus
		KCS100L (Local)		
		KCS100R (Remote)		
		Extendable System		Extend - Standard
Load Connection Type		1-Phase and/or Delta		
Frequency / Connections		60Hz and 3-Wire Connection		
Control Extension Cables		50m or 100m Extension		
Transportation		2-Wheel Trailer Mounted		
Load Connections		Powerlocks		
Protection Cover		Loadbank PVC Cover		
Frame		Crash Pack		

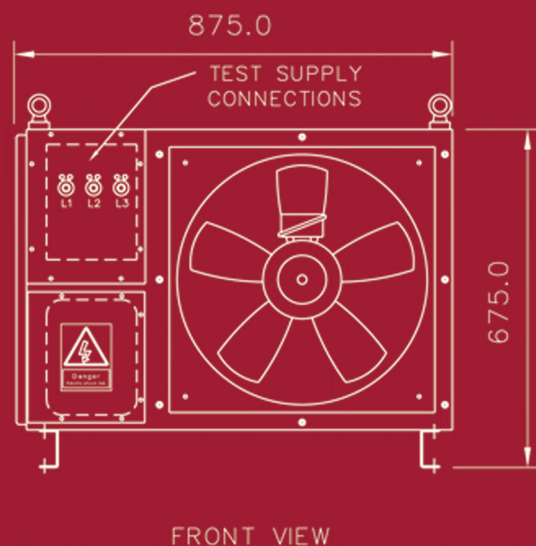
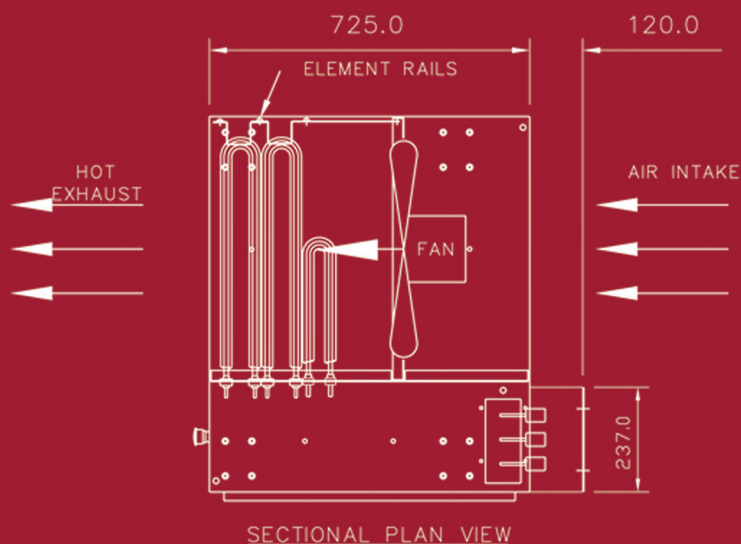
* Permanent installation only

40kW -100kW AC - Issue 1 - 03/02/15 (Changes to specification may vary without notice)



Our loadbanks are characterised by one thing above all: quality. At every stage of our supply chain, from raw material to finished item, we work with established, worldclass suppliers and implement our own uncompromising quality control processes to ensure that our products perform better and last longer.

Note: Loadbank illustrated with rental crash pack option



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