

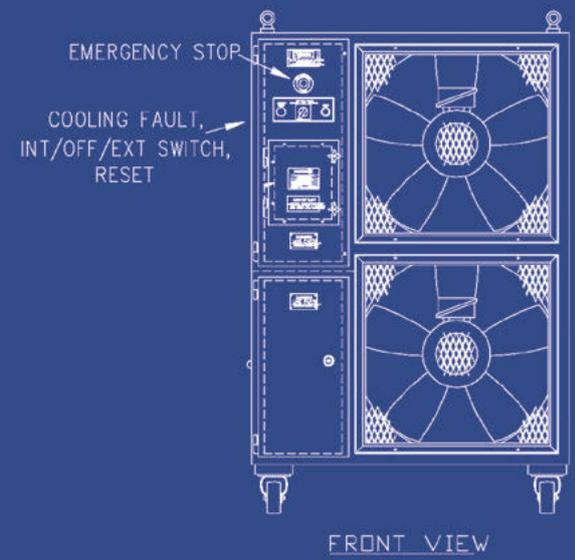
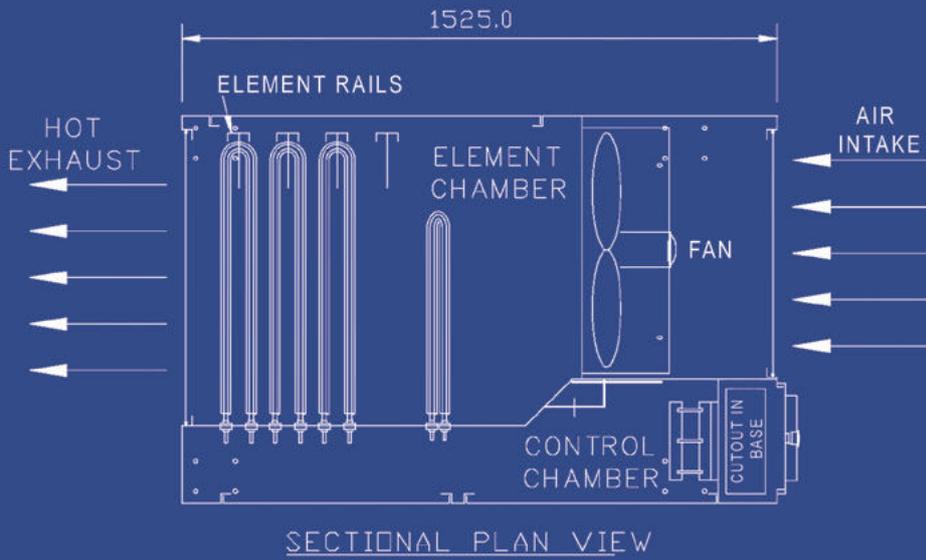


## LOAD BANK SPECIFICATION

Description		Transportable		Fixed	
Model					
Country of Origin		United Kingdom			
Max Capacity - Packaged Loadbank		400kW - 700kW			
Voltage Max - Continuous Operation		380V - 415V			
Operating Frequency Range		50Hz			
Phases		3ph			
Wires (Star Connection)		4			
Load-Step Resolution @ Design Voltage Voltage		1kW			
Tolerance (Short Term Operation)		+5%			
Load Element Tolerance		+/-5%			
Elements		80/20 nickel chrome resistance wire			
Insulation Test		500V			
Auxiliary Supply Voltage		380V - 415V			
Operating Frequency Range		50Hz			
Phases		3ph			
Load Connections		M16 Copper Busbars			
Protection		Thermal Emergency Cut Out Air-Flow Switch Fan Overload Emergency Stop			
Control Voltage		Selectable - Test or Auxiliary Forced			
Cooling Method		Air Cooling (Horizontal) 480m <sup>3</sup> /min			
Air-Flow (Approx.)		AC-1 Resistive			
Load Switching Category		3 Pole AC Contactors			
Load Switching Contactor Type					
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		RAL9002 Grey White			
Control Chamber IP Rating		IP55			
Lifting		Lifting Eyes x4			
Length (Approx.)	mm	1550	1550	1550	1745
Width (Approx.)	mm	1000	1000	1000	1000
Height (Approx.)	mm	1525	1476	1552	1446
Total Weight (Approx.)	kg	590	590	640	600
Control		<b>KCS</b>		<b>MCS</b>	
Optional Extras:		KCS100H - 10m Lead		PC Software or LC60	
		VIP - Power Meter		Modbus	
		KCS100L (Local)			
		KCS100R (Remote)			
Load Connection Type		Extendable System		Extend - Standard	
		1-Phase and/or Delta			
		60Hz and 3-Wire Connection			
		50m or 100m Extension			
		2/4-Wheel Trailer Mounted			
		Powerlocks			
Load Connections		Powerlocks			
Protection Cover		Loadbank PVC Cover Crash			
Frame		Pack			

\* Permanent installation only

400kW - 700kW AC - Issue 3 - 11/12/17 (Changes to specification may vary without notice)



## QUALITY WITHOUT COMPROMISE

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.

