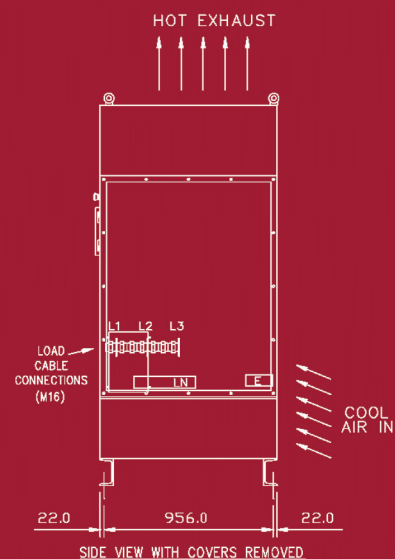
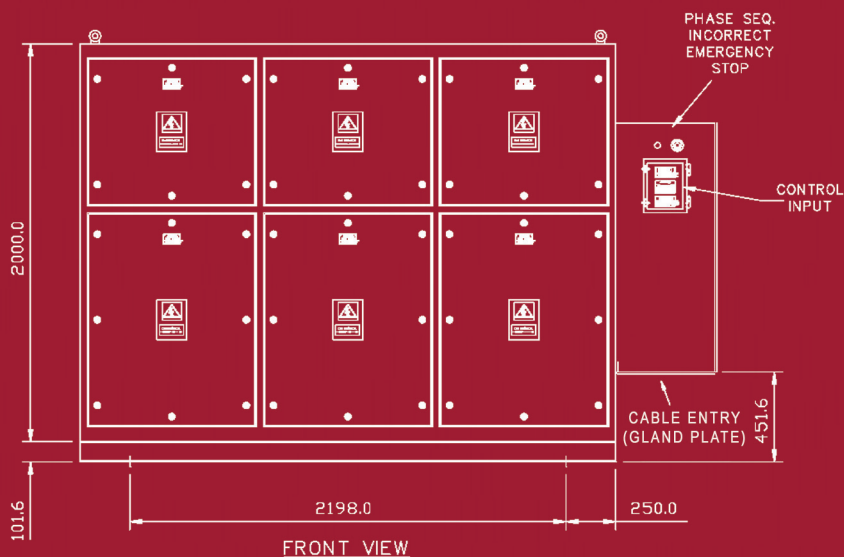


## Datasheet: 1600kW Loadbank

Description		Transportable	Fixed
Model			
Country of Origin		United Kingdom	
Max Capacity - Packaged Loadbank		1600kW	
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		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	
Cooling Method		Forced Air Cooling (Vertical)	
Air-Flow (Approx.)		960m³/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 x4	
Enclosure Dimensions <small>(also available housed in an ISO style container)</small>		Fork Lift Base	Fixed *
Length (Approx.)	mm	2723	3198
Width (Approx.)	mm	1025	1025
Height (Approx.)	mm	2252	2102
Total Weight (Approx.)	kg	1430	1400
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		4-Wheel Trailer Mounted	
Load Connections		Powerlocks	
Protection Cover		Loadbank PVC Cover	

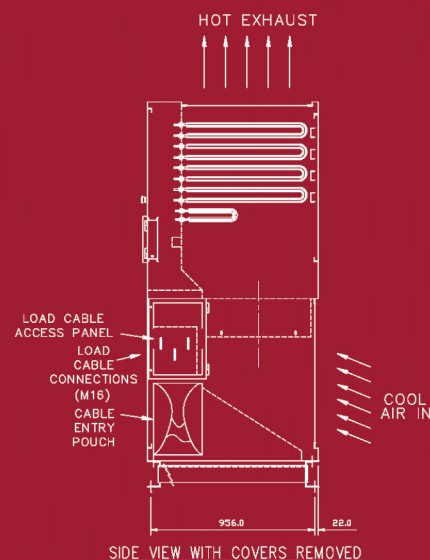
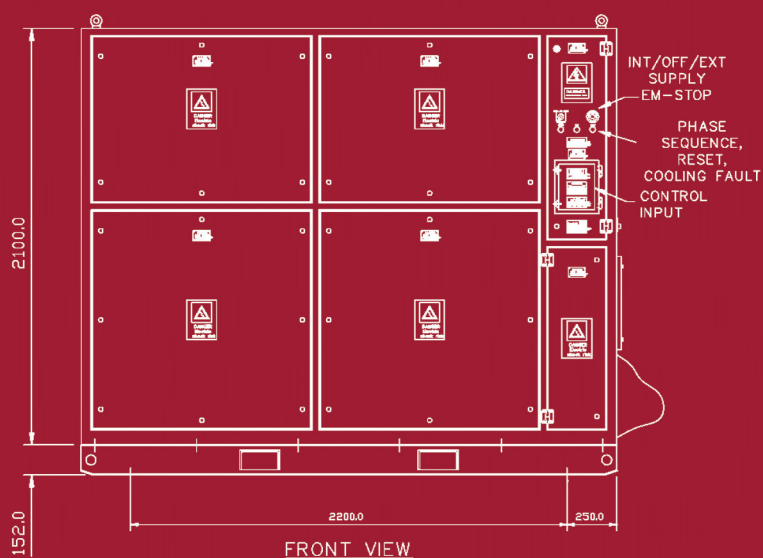
\* Permanent installation only

1600kW AC - Issue 1 - 03/02/15 (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.



**For further information contact:**  
Crestchic Limited  
Second Avenue, Centrum 100  
Burton-on-Trent, DE14 2WF  
United Kingdom

Tel +44 (0) 1283 531645  
Fax +44 (0) 1283 510103  
sales@crestchic.co.uk  
hires@crestchic.co.uk  
**www.crestchic.co.uk**

The information given in this literature is, to the best of our knowledge, correct at the time of going to print. However, Crestchic is constantly looking at ways of improving their products and services and therefore reserve the right to change, without prior notice, any of the data contained in this publication. Any orders placed will be subject to our Standard Conditions of Sale, available on request. Crestchic is part of the NBI group of companies.