

Datasheet: 5800 - 6400kW Loadbank Range

Description				
Model	Transportable			
Country of Origin	United Kingdom			
Capacity Range - Packaged Loadbank	5800kW	6000kW	6200kW	6400kW
Voltage Max - Continuous Operation	400 / 415 / 440 / 450 / 480 / 600 / 690V			
Operating Frequency Range	50 / 60Hz			
Phases	3ph			
Wires (Star Connection)	3			
Load-Step Resolution @ Design Voltage	1.0kW / 1.66kW			
Voltage Tolerance (Short Term Operation)	+5%			
Load Tolerance	+/- 5%			
Elements	80/20 Nickel Chrome Resistance Wire			
Insulation Test	500V			
Auxiliary Supply Voltage	380 - 420V	440 - 480V		
Operating Frequency Range	50Hz	60Hz		
Nominal Auxiliary Current 50/60Hz	160A			
Phases	3ph			
Load Connections	M16 Copper Busbars			
Protection	Element Plate Thermal Sensor Air-Flow Switch Fan Overload Emergency Stop			
Control Voltage	Selectable - via Main bus (<480V) or Auxiliary			
Cooling Method	Forced Air Cooling (Vertical)			
Air-Flow (Approx.)	135,600ft ³ /min			
Load Switching Category	AC-1			
Load Switching Contactor Type	3 Pole AC Contactors			
Rated Maximum Ambient Temperature Operation	+104°F / +40°C			
Rated Minimum Ambient Temperature Operation	-4°F / -20°C			
Rated Maximum Relative Humidity	95% RH			
Altitude Rating	<1,640ft [f.a.s.l.]			
Enclosure	ISO Style Weatherproof Container			
Finish	White - BS4800 00 E 55 (Marine)			
Control Chamber IP Rating	NEMA Type 4 / IP55			
Lifting	Twistlock Corners (Bottom Lift)			

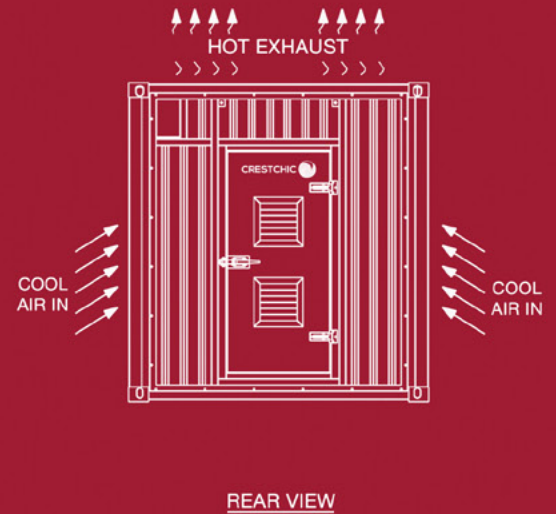
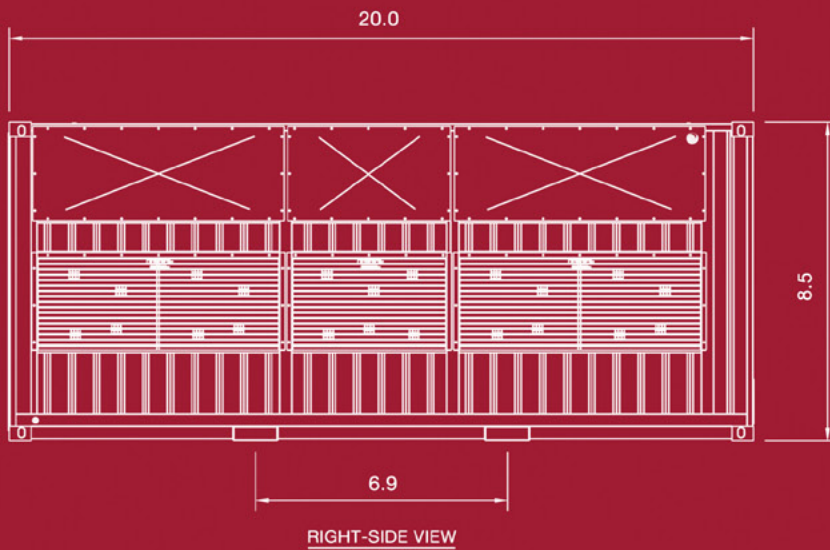
Enclosure Dimensions

Length (Approx.)	ft	20			
Width (Approx.)	ft	8			
Height / High Cube (Approx.)	ft	8.5 (9.5)			
Total Weight - Range (Approx.)	lbs	18,190	18,740	19,290	19,845

Loadbank Control Systems

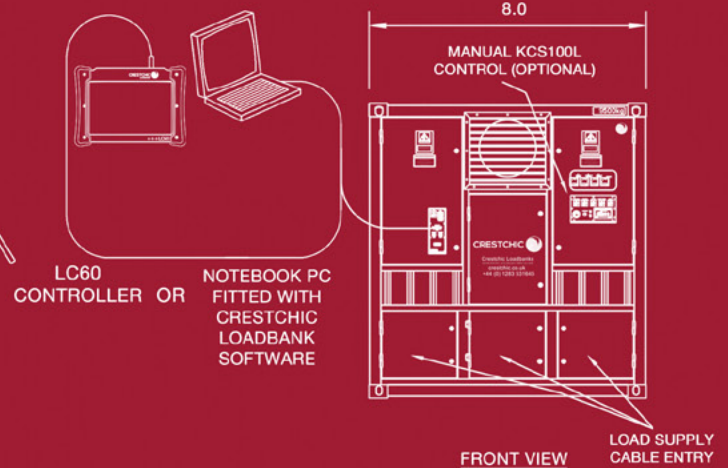
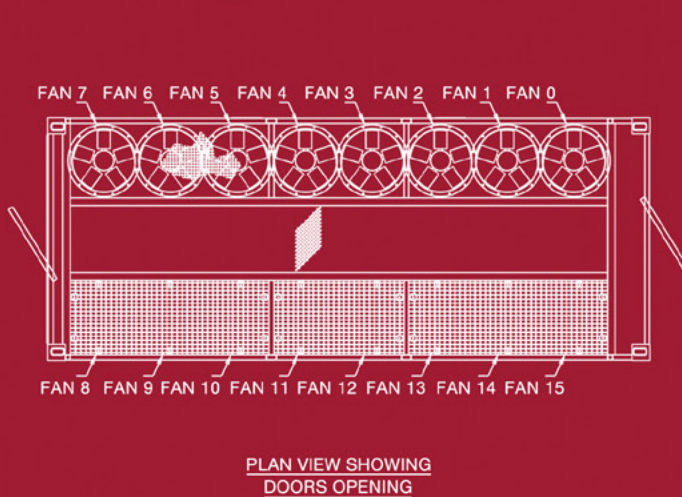
Control	MCS PC Software or LC60 Extendable (Multiple Loadbank Control)
Optional Extras:	Modbus
Control Secondary (Back-up)	KCS
Control Extension Cables	160ft or 320ft Extension
Extend Lead	32ft
Load Connections	Cam-lok / Powerlocks
Internal Temperature Monitoring	ASS180
Test Supply Live Beacons	ASS181
Unauthorised Door Access Alarm when Live	ASS182
DNV Lifting	DNV
Extreme Temperature (High / Low)	TEMP

5800 - 6400kW AC - Issue 2 - 22/12/17 (Changes to specification may vary without notice)



Quality without compromise

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



For further information contact:
 Crestchic Inc
 235 Sweet Spring rd
 Glenmoore, PA 19343
 United States

Tel +1 (610) 458-8182
 Fax +1 (610) 458-8186
sales-USA@crestchic.com
rental-USA@crestchic.com
www.crestchic-usa.com

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