WBPS

POWER YOU CAN TRUST

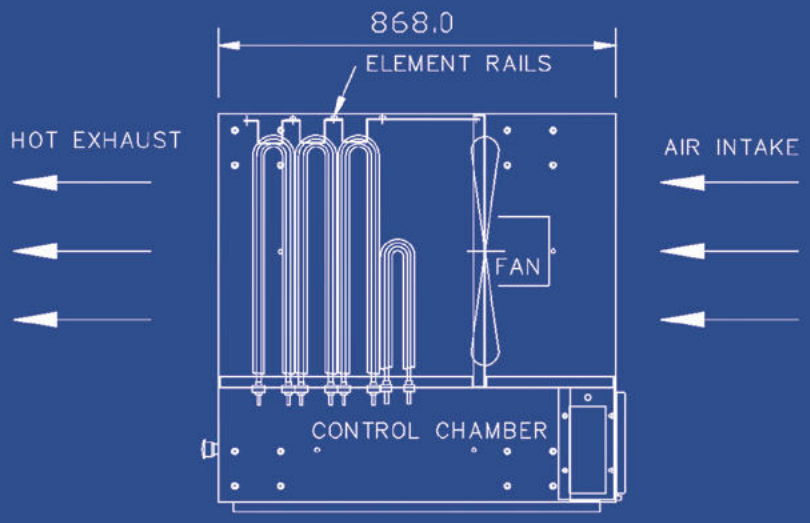
250 - 300kW

LOAD BANK SPECIFICATION

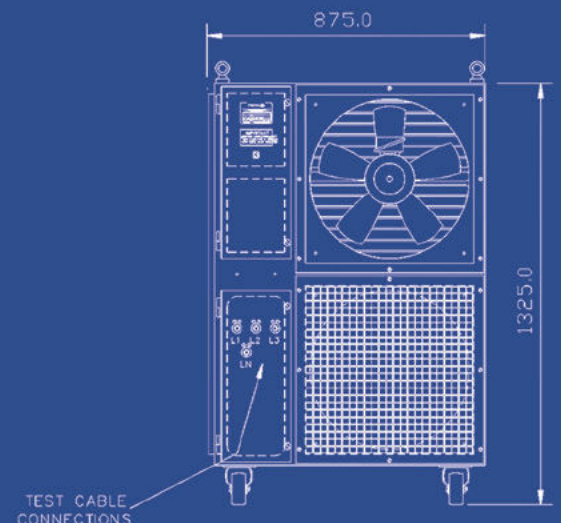
Description					
Model		Transportable		Fixed	
Country of Origin		United Kingdom			
Max Capacity - Packaged Loadbank		250kW - 300kW			
Voltage Max - Continuous Operation		380V - 415V			
Operating Frequency Range		50Hz			
Phases		3ph			
Wires (Star Connection)		4			
Load-Step Resolution @ Design Voltage		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		M16 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.)		170m³/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		RAL9002 Grey White			
Control Chamber IP Rating		IP55			
Lifting		Lifting Eyes x2			
Length (Approx.)	mm	893	893	893	1048
Width (Approx.)	mm	875	875	875	875
Height (Approx.)	mm	1325	1276	1330	1276
Total Weight (Approx.)	kg	260	270	350	275
Control		**KCS**		**MCS**	
		KCS100H - 10m Lead		PC Software or LC60	
Optional Extras:		VIP - Power Meter KCS100L (Local) KCS100R (Remote)		Modbus	
		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*

250kW - 300kW AC - Issue 2 - 11/12/17 (Changes to specification may vary without notice)



SECTIONAL PLAN VIEW

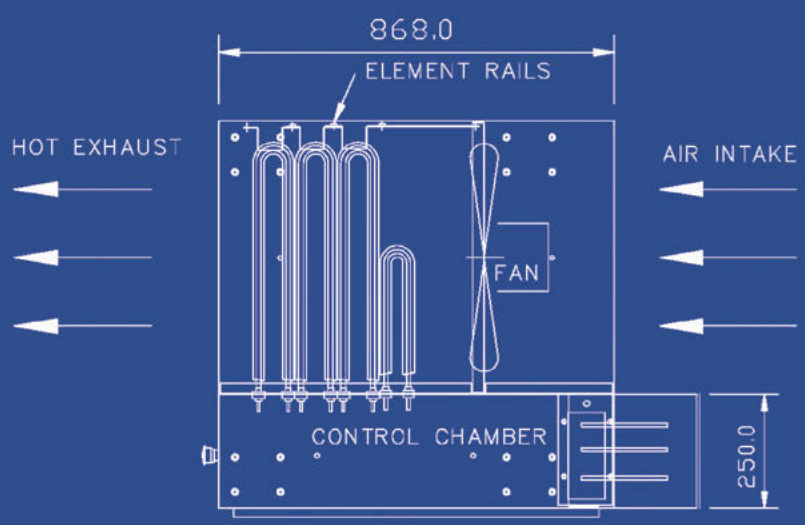


FRONT VIEW

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.

Note: Loadbank pictured with rental crash pack option



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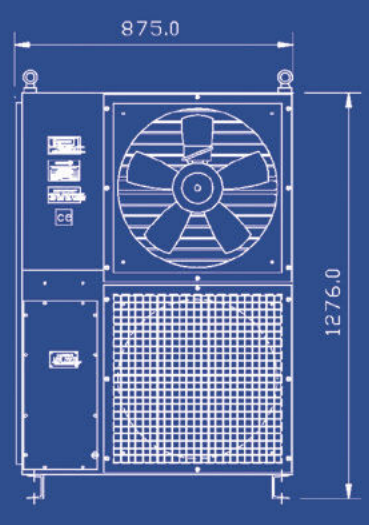

FRONT VIEW

CONTACT US

WB Power Services Ltd, Heanor Gate Road
Heanor Gate Industrial Estate, Heanor
Derbyshire DE75 7RJ

Email us at: sales@wbpsltd.co.uk
Call us 01159 444 422
www.wbpsltd.co.uk/hire