

MELBOURNE • SYDNEY • BRISBANE Phone: 1300 MAC GEN (1300 622 436)

ESTABLISHED 1949

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Crestchic 2000kW Loadbank

Description		
Model	Transportable	Fixed
Country of Origin	United Kingdom	
Max Capacity - Packaged Loadbank	2000kW	
Voltage Max - Continuous Operation	380V - 415V	
Operating Frequency Range	50Hz	
Phases	3ph	
Wires (Star Connection)	4	
	4 1kW	
Load-Step Resolution @ Design Voltage		
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.)	1200m ³ /min	
Load Switching Category	AC-1 Resistive	
Load Switching Contactor Type	3 Pole AC Contactors	
Rated Maximum Ambient Temperature Operation	+40°C / +104°F	
	-20°C / -4°F	
Rated Minimum Ambient Temperature Operation	95% RH	
Rated Maximum Relative Humidity		
Altitude Rating	<500m [m.a.s.l.]	
Enclosure	Sheet Steel	
Finish	White - RAL9016	
Control Chamber IP Rating	IP55	
Lifting		Eyes x4
Enclosure Dimensions (also available housed in an ISO style container)	Fork Lift Base	Fixed *
Length (Approx.) mm	3400	3900
Width (Approx.) mm	1025	1025
Height (Approx.) mm	2252	2252
Total Weight (Approx.) kg	2000	2000
Loadbank Control Systems		
Control	KCS	MCS
Control		
Control	KCS100H - 10m Lead	PC Software or HHT
	KCS100H - 10m Lead VIP - Power Meter	PC Software or HHT Modbus
Control Optional Extras:	VIP - Power Meter	
	VIP - Power Meter KCS100L (Local) KCS100R (Remote)	
Optional Extras:	VIP - Power Meter KCS100L (Local) KCS100R (Remote) Extendable System	Modbus
Optional Extras: Load Connection Type	VIP - Power Meter KCS100L (Local) KCS100R (Remote) Extendable System 1-Phase a	Modbus Extend - Standard nd/or Delta
Optional Extras: Load Connection Type Frequency / Connections	VIP - Power Meter KCS100L (Local) KCS100R (Remote) Extendable System 1-Phase at 60Hz and 3-W	Modbus Extend - Standard nd/or Delta lire Connection
Optional Extras: Load Connection Type Frequency / Connections Control Extension Cables	VIP - Power Meter KCS100L (Local) KCS100R (Remote) Extendable System 1-Phase a 60Hz and 3-W 50m or 100	Modbus Extend - Standard nd/or Delta ire Connection m Extension
Optional Extras: Load Connection Type Frequency / Connections Control Extension Cables Transportation	VIP - Power Meter KCS100L (Local) KCS100R (Remote) Extendable System 1-Phase a 60Hz and 3-W 50m or 1000 4-Wheel Tra	Modbus Extend - Standard nd/or Delta ire Connection m Extension iler Mounted
	VIP - Power Meter KCS100L (Local) KCS100R (Remote) Extendable System 1-Phase a 60Hz and 3-W 50m or 1000 4-Wheel Tra Powe	Modbus Extend - Standard nd/or Delta ire Connection m Extension

* Permanent installation only

2000kW AC - Issue 1 - 03/02/15 (Changes to specification may vary without notice)





SIDE VIEW WITH COVERS REMOVED



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.





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