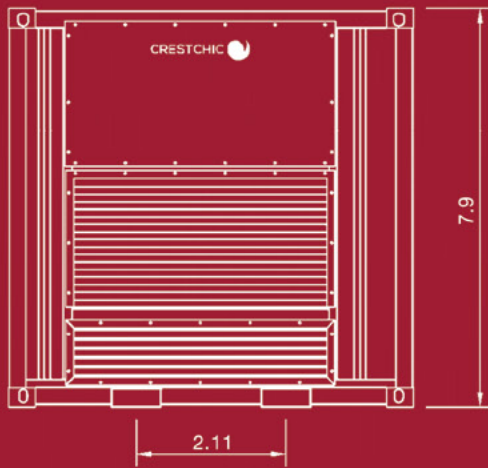


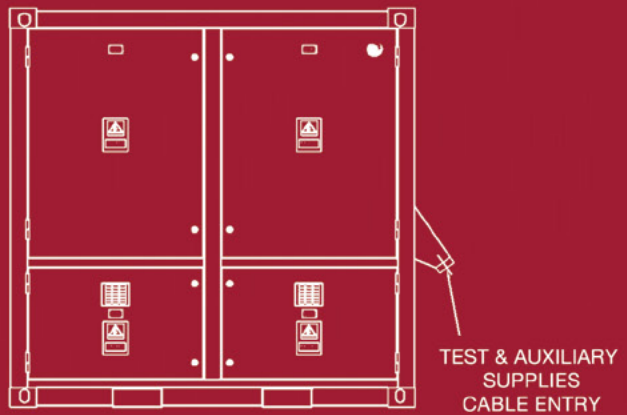
Datasheet: 750 - 1000kVA Loadbank Range

Description			
Model		Transportable	
Country of Origin		United Kingdom	
Capacity Range - Packaged Loadbank		750kVA	1000kVA
Real Power / Reactive Power @ 0.8pf		600kW / 450kVA _r	800kW / 600kVA _r
Voltage Max - Continuous Operation		400 / 415 / 440 / 450 / 480 / 600 / 690V	
Operating Frequency Range		50 / 60Hz	
	NOTE:	Capacity at one given frequency only	
Phases		3ph	
Wires (Star Connection)		3	
Load-Step Resolution @ Design Voltage		1.66kW / 1.96kVA _r	
Voltage Tolerance (Short Term Operation)		+5%	
Load Tolerance		+/- 5%	
Elements		80/20 Nickel Chrome Resistance Wire	
Reactors		Iron Core Type - Class F	
Insulation Test		500V	
Auxiliary Supply Voltage		380 - 420V	440 - 480V
Operating Frequency Range		50Hz	60Hz
Phases		3ph	
Load Connections		M16 Copper Busbars	
Protection		Element Plate Thermal Sensor	
		Air-Flow Switch	
		Reactor Thermal Sensor	
		Fan Overload	
		Emergency Stop	
Control Voltage		Selectable - via Main bus (<480V) or Auxiliary	
Cooling Method		Forced Air Cooling (Vertical)	
Air-Flow (Approx.)		16,950ft 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	8	
Width (Approx.)	ft	4	
Height (Approx.)	ft	7.5	7.9
Total Weight - Range (Approx.)	lbs	7,700	8,400
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	
Frequency		Dual 50 & 60Hz	
Load Connections		Cam-lok / Powerlocks	
Internal Temperature Monitoring		ASS180	
Test Supply Live Beacons		ASS181	
Unauthorised Door Access Alarm when Live		ASS182	
Windfarm Application		WF	
Extreme Temperature (High / Low)		TEMP	

750 - 1000kVA AC - Issue 2 - 22/12/17 (Changes to specification may vary without notice)



RIGHT-SIDE VIEW

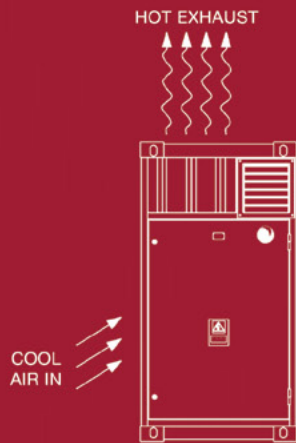


LEFT-SIDE VIEW

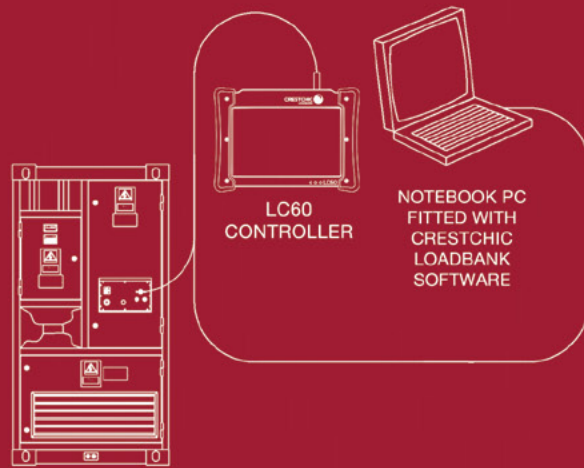


Quality without compromise

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.



REAR VIEW



FRONT VIEW

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