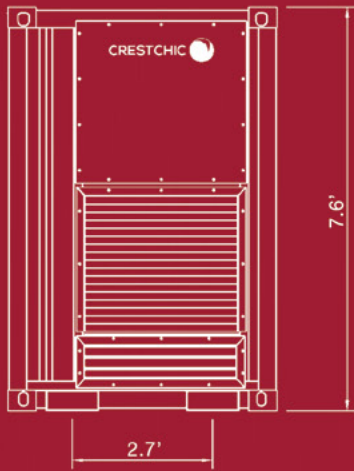


Datasheet: 375 - 500kVA Loadbank Range

Description		
Model	Transportable	
Country of Origin	United Kingdom	
Capacity Range - Packaged Loadbank	375kVA	500kVA
Real Power / Reactive Power @ 0.8pf	300kW / 225kVA _r	400kW / 300kVA _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.)	8,475ft 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	5
Width (Approx.)	ft	4
Height (Approx.)	ft	6.9
Total Weight - Range (Approx.)	lbs	5,300
		7.6
		5,730
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	

375 - 500kVA AC - Issue 2 - 22/12/17 (Changes to specification may vary without notice)



RIGHT-SIDE VIEW

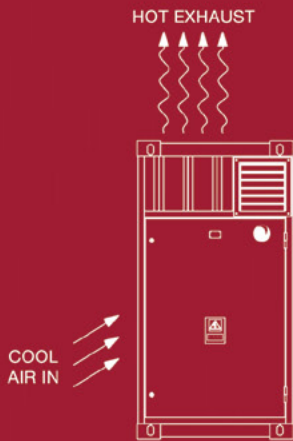


LEFT-SIDE VIEW

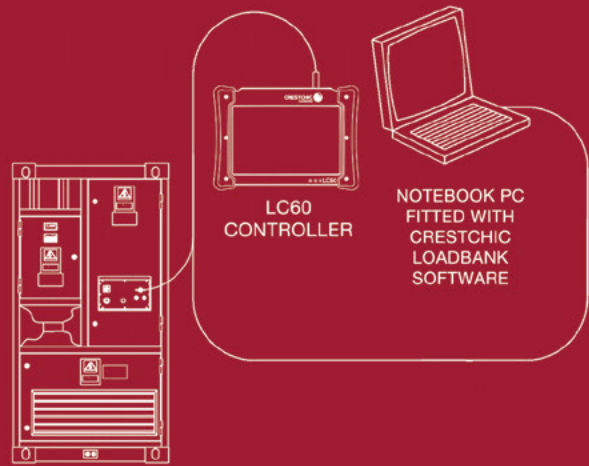


Quality without compromise

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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