

HIRE & SERVICE

PORTABLE POWER & LIGHTING SOLUTIONS



Hire &
Service

Jackson Industries

Founded by Jim Jackson in 1977, Auckland's Jackson Industries is a multi-faceted company providing diverse engineering expertise – from electrical equipment, through precision CNC machining and tooling, to composite structures and the development of bespoke polymers.

Innovation and development are the common themes running through the company's DNA.

Family-owned-and-operated, the company's origins lie in electrical equipment – with an emphasis on safety. The company has grown to become Australasia's leading supplier of industrial power applications and portable power solutions, and is particularly well-known for its LIFEGUARD® power distribution systems.

These enclosures are manufactured in highly-resilient polyethylene, glass-reinforced plastic or stainless steel.

Many products have become industry standard, using components from suppliers such as Fuji Electric, ABL Sursum, Wieland and Multi-contact Earthing Systems.

Developing and manufacturing the LIFEGUARD® product has created and nurtured niche engineering skills – an evolutionary process which has seen the establishment of specialist divisions within Jackson Industries.

Hire & Service Department

Hiring Equipment

Jackson Hire can custom-design, supply and install all your on-site power reticulation and lighting requirements. Using proven, trustworthy Lifeguard equipment, the Jackson Hire team can provide everything you need to power up your construction site or event.

Jackson Hire offers a full range of portable power equipment from 10A single-phase to 400A three-phase, including multiboxes and master switchboards, lighting and cabling. If we don't have it, we can custom-build it for you. We can provide one of the largest ranges of portable power equipment in New Zealand.

Equipment Servicing

The Jackson team is led by a registered electrician and backed by an experienced customer service and maintenance team. We provide a full in house or on site testing and repair service for all lifeguard and electrical equipment.



Portable Power – LG4 & 6



The LIFEGUARD® 4 and 6 are single phase Portable Socket Outlet Assemblies (PSOA).

They meet the requirements of ASNZS 3012 Construction and Demolition and ASNZS 3002 2008 Shows and Carnivals. These have been issued with Certificate of Approval number V05583 (Residual Current Device - Portable Type).

Class H to ASNZS 3190.

- Available in 10A, 15A or 16A sockets
- Suitable for use on building sites
- Meets OSH and Tradesmen specifications
- Can be built to meet specific requirements

Portable Power – LG7



Manufactured to ASNZS 3012 Construction and Demolition and ASNZS 3002 2008 Shows and Carnivals.

Incorporated RCDs break the electric circuit, should a tool or a wiring fault develop, causing current leakage to earth.

Supply input power either 32A or 63A.

- Alternative sockets available to suit specific requirements
- Small and Large enclosures

Socket outlets:
4x 15A Auto switching outlets with 2P 240V RCDs
1x 32A three phase 3P+N+E 415VAC
1x LG16 Take-off

Portable Power – LG16



Manufactured to AS/NZS 3012 Construction and Demolition and AS/NZS 3002 2008 Shows and Carnivals.

Can be fed from LIFEGUARD® 83, 17 or as its own stand alone reticulation system.

- Socket outlets:
 - 1x 32A three phase, 3P + N + E, 415VAC
 - 1x 16A single phase, 2P + E IEC
 - 8x 10/15A single phase 2P + E, 230VACAdditional sockets available to suit specific requirements



LIFEGUARD® PORTABLE

Customisation



Jackson Industries has constantly grown over the years. As we have grown we have expanded into new technologies including Precision Machining, Composites, Polymers and Architectural Formworks.

With all this new technology available there are almost no limits to the level of customisation. We can modify or reconfigure products we have in stock or manufacture custom designs to meet your requirements.



Portable Power – LG17



Built to comply with ASNZS 3012 Construction and Demolition and ASNZS 3002 2008 Shows and Carnivals.

- Simplifies changes as your site expands
- Comes with 2x LG16 feeds
- Can be fitted with specialist outlets and current monitoring facilities for the film industry
- Socket outlets:
 - 12x 10 or 15A single phase, 2P + E, 230VAC
 - 2x 32A three phase, 3P + N + E, 415VAC
 - 2x LG16 Takeoff IEC
 - 1x 16A single phase, 2P + E IECAdditional socket outlets to suit customer requirements



Master Switchboard – LG83



Fully adaptable to include MCCB main switch up to 600 amps, wall mounting straps, in ground mounts, power lock connectors, also provision for metering, crane connections and alimacs.

- For the distribution of power
- Provides master isolation, sub circuit protection including sub-board distribution (typically LG16, LG17 and LG7 units)
- Site hut reticulation (LG15.06)
- Provision for lighting
- Fitted with RCDs to provide protection against electrocution

Lighting – TPL



TEMPORARY PROTECTED LIGHTING (TPL)

- Cables available in white, black and yellow
- Watertight IP68 rating
- Designed for indoor and outdoor applications
- Ability to daisy chain up to 200m

Temporary Site Lighting Lens

- Safe and easy access
- High impact polycarbonate lens
- Unique transparent lens to provide protection for lamps in rugged environments
- Connection 10A or 15A flat pin, 16A IEC
- Length 12.5m or 25m



Lighting – Floodlight / Fluro



FLURO

- 'Plug in' cascading abilities enable quick and easy installation
- IP rating 65
- Supply input/output power: 16A single phase



FLOODLIGHT

- 400W Metal Halide/LED
- LED options



HIGHBAY

- 155W LED
- 4000K
- Wide beam
- IP Rating 65

Lighting – Emergency



EXIT SIGN

- Emergency LED



LG15.23EMLED

- LED lamp
- IP Rating 56
- Supply input power 240V 16A
- Socket outlet 16A 3 pin CEE



LG15.72 EMCW

- Fitted with 2W LED lamp and battery back to allow up to two hours of emergency lighting after power fails
- Compact, portable and practical
- Fluro LED

Cabling



15A single phase lead



32A three phase lead



63A three phase lead

SINGLE PHASE CABLES

- 2.5mm or 6.0mm
- 15A, 16A or 32A

THREE PHASE LIFEGUARD® LEADS

- Available in 32A, 63A and 125A current ratings
- 10m, 20m or 30m or custom lengths

COPPER BRAIDED SCREEN

- Provides protection for the cores
- Acts as the earth to provide maximum safety

Our cables range from 10A extension leads to 90mm mains cable and we stock a number of different connections.



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Electrical



Hire & Service



Precision Machining



Composites



Polymers



Architectural Formworks