

LIFEGUARD

power distribution system

PRODUCT CATALOGUE



LIFEGUARD

power distribution system

B R O U G H T T O Y O U B Y



Spinefex Pty Ltd



LIFEGUARD PSOA

The LIFEGUARD 4 and 6 are single phase **P**ortable **S**ocket **O**utlet **A**ssemblies, available with either 10A or 15A sockets.

The LIFEGUARD 4 and 6 meet the requirements of AS/NZS 3012, and have been issued with Certificate of Approval number V05583. (Residual Current Device - Portable Type)

The LIFEGUARD 4 and 6 are suitable for use on Building Sites. They have the specifications Tradesmen and OHS demand.

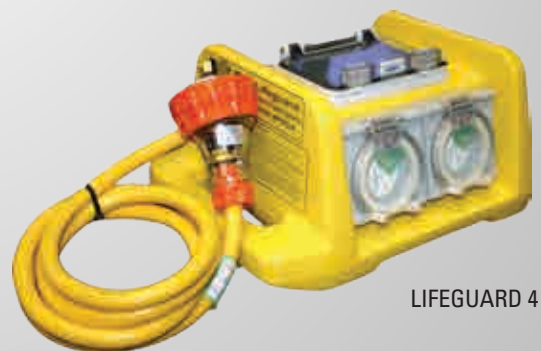
Can be built to meet the end users specific requirements.

SPECIFICATIONS

| | |
|---------------------|---|
| SUPPLY INPUT POWER: | 10A or 15A, 1 phase + N + E |
| FREQUENCY: | 50-60Hz |
| RCD: | 2 pole, 30mA, 230VAC 10KA rating |
| SOCKET OUTLETS: | 4 or 6 x Double pole, Self Switching socket outlets |
| IP RATING: | 66 |
| MATERIALS: | High impact polyethylene |
| WEIGHT: | 2kg approximately |
| CABLE LENGTH: | 1.8m |



LIFEGUARD 6



LIFEGUARD 4

LIFEGUARD 7

The LIFEGUARD 7 is a temporary power reticulation system which will reduce your site establishment costs, provides a safer environment for your staff and simplifies changes as your site expands.

The incorporated RCD's constantly monitor current through the phase and neutral conductors. Should a tool or wiring fault develop, causing current leakage to earth, the residual current device removes the power supply to the outlets.

The LIFEGUARD 7 is manufactured from high impact polyethylene which is resistant to corrosion and especially suitable for use on rugged construction sites.

SPECIFICATIONS

| | |
|---------------------|--|
| SUPPLY INPUT POWER: | 32A, 3 phase + N + E, 415VAC |
| FREQUENCY: | 50-60Hz |
| RCD: | 4 pole, 30mA, 230 - 415VAC |
| SOCKET OUTLETS: | 4 x 15A Auto switched outlets with 2P 240v RCDS 1 x 32A three phase 3P + N + E415VAC 1 x LG16 Take-off |
| IP RATING: | 66 |
| INTERCONNECTION: | 32A, 3 phase + N + E415VAC, BS4343, CEE17, IEC309, watertight |
| MATERIALS: | Polyethylene enclosure |

Expansion and Flexibility

The LIFEGUARD 7 system has the ability to interconnect in many ways to reticulate power throughout multi-storey and large single level construction areas.

Interconnection cables are rated at 32 amps and are of a waterproof design.

LIFEGUARD 7 is also available with single phase supply input power ratings of up to 63 amps, and additional socket outlets to suit specific requirements.

LG7S



LG7L



LIFEGUARD 16

The LIFEGUARD 16 is the workhorse of the lifeguard family. At 32A three phase this can be fed from an LG83, 17 or as its own stand alone reticulation system.

The LIFEGUARD 16 comes with a great selection of high quality ABL socket outlets and with a weight of 15kg it is easy to see why it is the most popular choice on construction sites.

The LIFEGUARD 16 is manufactured from high impact polyethylene which is resistant to corrosion and especially suitable for use on rugged construction sites.

SPECIFICATIONS

| | |
|---------------------|--|
| SUPPLY INPUT POWER: | 32A, 3 phase + N + E, 415VAC IEC |
| FREQUENCY: | 50-60Hz |
| RCD: | 4 pole, 30mA, 230 - 415VAC |
| SOCKET OUTLETS: | 1 x 32A three phase 3P + N + E, 415VAC 1 x 16A single phase, 2P + E IEC 8 x 10/15A single phase 2P + E, 230VAC |
| IP RATING: | 66 |
| INTERCONNECTION: | 32A, 3 phase + N + E, 415VAC, CEE17, IEC309 |
| MATERIALS: | Polyethylene enclosure |
| WEIGHT: | 15kg |

Expansion and Flexibility

The LIFEGUARD 16 system has the ability to interconnect in many ways to reticulate power throughout multi-storey and large single level construction areas.

Interconnection cables are rated at 32 amps and are of a waterproof design.

It is also available with supply input power ratings of up to 63 amps, and additional socket outlets to suit customer requirements.

LG16 systems used by the film industry can be fitted with specialist outlets and current monitoring facilities. Socket outlets may be varied in order to fit user specifications.

Can also be fitted with a hardwired chamber as per some site requirements.

LG16



LIFEGUARD 17

The LIFEGUARD 17 range of temporary reticulation units are designed to reduce your site establishment costs, provide a safer environment for your staff and simplify changes as your site expands.

The LIFEGUARD 17 comes with one LIFEGUARD 16 feed so it's a perfect choice for medium to large construction sites.

The LIFEGUARD 17 is manufactured from high impact polyethylene which is resistant to corrosion and especially suitable for use on rugged construction sites.

SPECIFICATIONS

| | |
|---------------------|---|
| SUPPLY INPUT POWER: | 63A, 3 phase + N + E, 415VAC IEC |
| FREQUENCY: | 50-60Hz |
| RCD: | Multiple RCD's |
| SOCKET OUTLETS: | 12 x 10/15A single phase, 2P + E, 230VAC 3 x 32A three phase 3P + N + E, 415VAC 1 x LG16 Take-off IEC 1 x 16A single phase, 2P + E IEC |
| IP RATING: | 66 |
| INTERCONNECTION: | 63A, 3 phase + N + E, 415VAC, CEE17, IEC309 |
| MATERIALS: | Polyethylene enclosure |
| WEIGHT: | 20kg |

Expansion and Flexibility

The LIFEGUARD 17 system has the ability to interconnect in many ways to reticulate power throughout multi-storey and large single level construction areas.

Interconnection earth screened safety cables are rated at 63 amps and are of a watertight design.

It is also available with supply input power ratings of up to 125amps, and additional socket outlets to suit customer requirements.

It may be made to your specific requirements. Socket outlets may be varied in combination from above specifications. When used by the film industry they can be fitted with specialist outlets and current monitoring facilities.

Can also be fitted with a hardwired chamber as per some site requirements.

LG17



LIFEGUARD 83

The LIFEGUARD 83 is the master switchboard for the distribution of power supplies used throughout major construction projects.

The LIFEGUARD 83 provides master isolation, sub circuit protection including sub-board distribution (typically LG16, LG17 and LG7 units), site hut reticulation (LG15.06) and provision for lighting. The LIFEGUARD 83 is fitted with RCD's to provide protection against electrocution for staff using electrical equipment in the near vicinity of the switchboard.

The LIFEGUARD 83 is fully adaptable to include a MCCB main switch up to 1000amp +, wall mounting straps, in ground mounts, power lock connectors as well as provision for metering, crane connections and alimacs. The LIFEGUARD 83 is available in a variety of different current ranges and configurations.

LG83



SPECIFICATIONS

| | |
|--------------|-----------------------------------|
| INPUT POWER: | Up to 225A/1000A, 415VAC 50Hz |
| GEAR TRAY: | GRP (Glass Reinforced Plastic) |
| TERMINALS: | 4 pole, 30mA, 230 - 415VAC |
| IP RATING: | 66 |
| DOOR: | Lockable |
| MOUNTING: | Galvanised steel tube with wheels |
| MATERIALS: | GRP |
| WEIGHT: | 75kg |

Expansion specifications

LG83.325051

- 250A rated isolator
- 4 x 15A G.P.O. with RCD for immediate work
- 2 x 16A sockets for lighting etc.
- 3 x 32A 3P +N + E for LIFEGUARD 16 and SITE HUTS
- 3 x 63A IEC 3P + N + E for LIFEGUARD 17

EARTH SCREENED CABLES

Three phase Lifeguard leads are available in 32A and 63A current ratings. These come in standard lengths of 10m, 20m, and 30m. Non standard lengths can however, be made upon request.

The copper braided screen provides protection for the 4 cores and acts as the earth providing maximum safety for personnel.

5 pin IP67 rated connectors complying with IEC60309 are fitted at each end of the lead. Single phase earth screen cable is also available in 2.5mm or 6.0mm for use with 10A, 15A, 16A or 32A. We can supply cables with plugs and connectors of all types and any brand required.

SPECIFICATIONS

| | |
|---------------|---|
| VOLTAGE: | 250/440V (2.5mm ²) 600/1000V (6 - 25mm ²) |
| CONDUCTOR: | Annealed Copper |
| INSULATION: | 2 core - Light blue, Brown 3 core - Red, White, Blue 4 core - Red, White, Blue, Black |
| BRAID SCREEN: | Flexible copper braid |
| MAX TEMP: | 75°C |
| SHEATH: | Nitrile PVC, Type 5V-90 |

Lifeguard leads have been designed for use on construction sites and are suitable for interconnections of the Lifeguard power reticulation systems.

Cable cross section



Complies with AS/NZS 3012 Appendix K

15A30



162.20



172.20



CUSTOMISATION

Spinefex was established in 1997 and understands that the Australian market requires a high quality product that complies and adheres to strict Australian Standards.

Our Support team are involved with the development of the Australian and New Zealand Standards and work closely with the Standards Board to ensure that our products meet and exceed the applicable standards that the temporary power market demands. Spinefex will always be ahead of its competitors due to our understanding, and the ability to develop and implement the Current Australian Standards. Spinefex use only premium, compliant componentry which ensures our total compliance with strict Australian Standards.

Our commitment is to only use the highest quality components available on the market.

Spinefex prides itself on the ability to customise and configure the Lifeguard range of products to suit all needs because we recognise that every workplace is different. There is no limit to the level of customisation. If you have special site requirements or just want something different, contact us. Our product development team is second to none. Our ability to develop new products is backed by our own design team and specialised equipment to meet every need.

Custom LG83



Custom 1000A Main Distribution Board. Specifications include 1000A main isolator, 6 x 125A 5 pin socket outlets, 2 x 63A 5pin socket outlets and 2 x hardwire 250A takeoffs. Also has built-in current and voltage monitoring.

Custom LG17



Custom 63A board with 3 x 63A 3 pin single phase, 6 x 32A 3 pin single phase and 15 x 10A flat pin single phase. This model also has phase monitoring loops. It has been designed and built specifically for the TV and film industry.

Custom LG16



Customised Stackable base

TEMPORARY SITE LIGHTING

With a watertight IP68 rating, Lifeguard TSL's are designed for both indoor and outdoor applications.

Spinefex have designed a unique transparent lens in order to provide protection for the low energy lamps from knocks and bumps whilst in rugged environments.

**ABILITY TO DAISY CHAIN UP TO 200M
AVAILABLE WITH FLUORO OR L.E.D.**

SPECIFICATIONS

| | |
|-------------|---|
| LAMP: | 10w L.E.D or 23w Fluoro |
| IP RATING: | IP66, 67, 68 |
| CONNECTION: | 16A IEC |
| VOLTAGE: | 240V AC or 24V DC - Double Insulated |
| CABLE: | 3c - 2.5mm yellow |
| LENS: | Polycarbonate - Available as a spare part |



TSL LENS

Safe and easy access
High impact polycarbonate lens

TEMPORARY SITE LIGHTING OPTIONS

| PART NUMBER | LENGTH | LAMPS | VOLTAGE | LAMP TYPE | CURRENT RATING |
|--------------|--------|-------|---------|-----------|----------------|
| LG15TSL25 | 25m | 10 | 240V | 24W CFL | 16A |
| LG15TSL12.5 | 12.5m | 5 | 240V | 24W CFL | 16A |
| LG15TSL25LED | 25m | 10 | 240V | 10W LED | 16A |
| LG15TSL25M24 | 25m | 10 | 24V | 20W CFL | 32A DC |



FLUORESCENT LIGHTING

The LIFEGUARD 15.72 is a temporary lighting system for the illumination of stairwells and other dark areas on construction sites, field camps or anywhere that portable lighting is required.

The 'plug-in' cascading abilities enable quick and easy installation throughout any multi-level construction sites and across larger areas, i.e. field camps etc.

SPECIFICATIONS

| | |
|---------------------|--|
| LAMP: | Twin 36W tubes |
| IP RATING: | 66 |
| INTERCONNECTION: | 5 or 8m earth screened lead with a 16A 3 pin plug fitted |
| SUPPLY INPUT POWER: | 16A single phase + N + E 230VAC IEC |
| SOCKET OUTLET: | 16A single phase + N + E 230VAC IEC |
| MATERIALS: | GRP Endcap and polycarbonate fitting |
| WEIGHT: | Total 3.5 kg including lead |



L G15.72

LIFEGUARD EMERGENCY LIGHTING

Simply plug into the blue 16A designated lighting socket on your LIFEGUARD 16 or 17 unit.

When power is interrupted, the LG15.72 EMCW will drop to half the light output and continue to emit light for 2 hours ensuring safe egress from site. Can be used in conjunction with the LG15.72 Suitable for construction, mining, film and most other industries.

Remains illuminated for 2 hours after loss of power



L G15.72 EMCW

SERVICE LIGHTING

Manufactured from high impact polyethylene with a polycarbonate lens, the LG15.23W is both a rugged and versatile option for service lighting. Able to velcro to a scaffold pipe or be permanently attached.

Set up for 'plug in' cascading, with either panel mount sockets or 5m tails the LG15.23W can be matched with all other Lifeguard lighting ranges.

SPECIFICATIONS

| | |
|-------------|---|
| LAMP: | 23W CFL - LG15.23W 18W CFL - LG15.23WEMC |
| IP RATING: | 66 |
| CONNECTION: | 10/15A or 16A IEC |
| VOLTAGE: | 230V AC |
| CABLE: | Option of earth screened tails |
| LENS: | Polycarbonate |
| MATERIALS: | Polyethylene |

LG15.23W



Fitted with a 23W CFL lamp



LIFEGUARD EMERGENCY LIGHTING

With 18W CFL Lamp

Fitted with battery back up to allow for 2 hours of emergency lighting after the power fails.

Versatile, portable & practical.

LG15.23WEMC



FLOODLIGHTS AND SPLITTER

The LIFEGUARD 15.250FLD is a temporary lighting system for general lighting on construction sites or anywhere that portable lighting is required.

The 'plug-in' cascading abilities enable quick and easy installation throughout any multi-level construction sites and across larger areas, i.e. field camps etc.

ALSO AVAILABLE AS 250W SODIUM LAMP

SPECIFICATIONS

| | |
|---------------------|---------------------------------|
| LAMP: | Metal Halide 250W |
| IP RATING: | IP 66 |
| SUPPLY INPUT POWER: | 16A single phase + N + E 230VAC |
| SOCKET OUTLET: | 16a 3pin connector fitted IEC |
| INTERCONNECTION: | Earth screened lead |
| WEIGHT: | 10 kg |

SPECIFICATIONS

| | |
|---------------------|--|
| IP RATING: | 67 |
| SUPPLY INPUT POWER: | 16A single phase + N + E 230VAC IEC |
| SOCKET OUTLET: | 3x 16A single phase + N + E 230VAC IEC |
| VOLTAGE: | 240V AC |
| CABLE: | 3c 2.5mm yellow |
| CABLE LENGTH: | 1 or 4m earth screened |

ALSO AVAILABLE IN 100V

LG15.250 FLD



3k3 125E/*M

* indicates length of cable

POLE LIGHTING

The LIFEGUARD 15.250 is a temporary lighting system for illumination of workspace requiring 360 degree radius lighting.

The 54 Watt LED provides plenty of light output for this application. Suitable for use with our TS1 lead stand, or TS3 support pole for Lifeguard (as shown).

SPECIFICATIONS

| | |
|---------------------|-------------------------------------|
| LAMP: | 54W LED |
| IP RATING: | 66 |
| SUPPLY INPUT POWER: | 16A single phase + N + E 230VAC |
| MATERIALS: | Impact Resistant Polycarbonate Lens |
| WEIGHT: | 5.5 kg |
| HEIGHT: | 2.65 m including pole and lamp |

AVAILABLE INCLUDING OR EXCLUDING THE POLE

CAN ALSO BE USED WITH OUR TRIPOD

LED OPTION AVAILABLE



LG15.250



LIFEGUARD 26B

The LIFEGUARD 26B series can handle current as low as 10 amps through to 125amps in a wide range of pin configurations.

The enclosure is manufactured from GRP which is extremely resistant to corrosion and is especially suitable for harsh environments, both indoors and outdoors. A standard range is available and can be built to suit the customer's specific socket requirements.

ENCLOSURE

| | |
|--------------------|--------------------|
| CASE MATERIAL: | GRP |
| COLOUR: | Safety yellow |
| IP RATING: | 66 |
| WINDOW MATERIAL | Polycarbonate IP65 |
| INSULATION RATING: | Double insulated |

ELECTRICAL

| | |
|------------------------|--------------------|
| VOLTAGE: | 110V - 460 VAC |
| PHASES: | Single and 3 phase |
| FREQUENCY: | 50 - 60 Hz |
| RCD TRIP CURRENT: | 30 mA |
| RCD RATED CURRENT: | 10 - 125amps |
| SOCKET OUTLET CURRENT: | 10 - 125amps |



LIFEGUARD 33/33B/34

The Lifeguard 33, Lifeguard 33B and Lifeguard 34 are generously sized enclosures made of GRP. These Units were initially designed to accommodate higher amperage fittings, larger MCCB's, RCD's and Socket Outlets.

LIFEGUARD 33 allows for termination of larger supply cables, in excess of 25mm.

LIFEGUARD 33B has the same enclosure as the Lifeguard 33. It has a moulded lid to accommodate those requirements of multi-voltage and multi-amperage sockets to service the demands of many industrial work areas.

LIFEGUARD 33 and LIFEGUARD 33B have auxiliary boxes to accommodate those extra sockets or control gear that may be required.

LIFEGUARD 34 units may be fitted with a range of multi-voltage and multi-amperage sockets with the appropriately rated RCD's and MCB's.

LG33



LG33B



LG34



ENCLOSURE

| | |
|--------------------|---|
| CASE MATERIAL: | GRP |
| COLOUR: | Safety yellow (other colours can be provided according to quantities) |
| IP RATING: | 66 |
| WINDOW MATERIAL | Polycarbonate IP66 |
| INSULATION RATING: | Double insulated |

ELECTRICAL

| | |
|------------------------|--------------------|
| VOLTAGE: | 110V - 460 VAC |
| PHASES: | Single and 3 phase |
| FREQUENCY: | 50 - 60 Hz |
| RCD TRIP CURRENT: | 30 mA |
| RCD RATED CURRENT: | 10 - 125amps |
| SOCKET OUTLET CURRENT: | 10 - 125amps plus |

ABL SURSUM

ABL Sursum have been manufacturing plugs and connectors since 1925. Spinefex is the authorised Australian Distributor of ABL Sursum. It is the number 1, cost effective, industrial grade solution.

CEE Plug connections from ABL SURSUM can do more than simply transfer electricity. They effectively and reliably support you in everyday tasks because they can stand up to the harshest of conditions.

Regardless of cold, heat, dust, water or pressure/ tensile/ impact loads in the most diverse conditions under extreme use: You can rely on our products everywhere and on any occasion.

All products are developed and manufactured to the highest quality demands, intelligence, engineering skills as well as with many years of experience. International certification by independent institutes and extensive testing procedures in our labs confirm our excellent level of quality. They comply with all applicable Australian Standards.

We provide the best connections.





TRi-SAFE AND CABLE HOOKS

TRi-SAFE Electrical Lead Stands are the ideal work-mate, designed to elevate electrical power leads and provide a safe work environment. It is the most convenient way to raise your electrical leads above head height.

TS1 TRi-SAFE Electrical Lead Stands can safely carry 4-5 electrical leads in any direction.

The unique top assembly is manufactured from non conductive polypropylene. It is counter weighted to maintain stability with a bucket and approx. 20kgs of sand or rock.

The TRi-SAFE TS1 Electrical Lead Stand is powdercoated yellow to be clearly visible to workers and the public. It is adjustable for uneven ground, tough, sturdy, but easily assembled and lightweight.

Site Safe Suspension system. - S4 Safety Hook. Australian Made with a working load of 25kg – make your work site safer by suspending your electrical leads off the ground.

TS1
Electrical Lead Stand



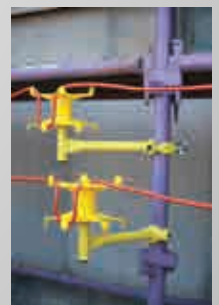
TS2
Wall Bracket



TS5
Lead Hook



TS7
Scaffold Bracket



S4
Safety Hook





LIFEGUARD

power distribution system



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