# LIFEGUARD®

## PORTABLE POWER SOLUTIONS




**COME VISIT US**

www.spinefex.com.au | +61 7 3202 7383 | 1/42 Clinker Street, Darra QLD 4076, Australia

SPINEFEX

# LIFEGUARD®
## PORTABLE POWER SOLUTIONS

## LIFEGUARD® PSOA

**LIFEGUARD 4 & 6**

The LIFEGUARD 4 and 6 are single phase Portable Socket Outlet Assemblies, available with either 10A or 15A sockets.

The LIFEGUARD 4 and 6 meet the requirements of AS/NZS 3190 and are compliant for use in AS/NZS 3002 Shows and Carnivals and AS/NZS 3012 on Construction Sites 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, construction and demolition sites and manufactured from high impact polyethylene.

They have the specifications Tradesmen and OHS demand.

Can be built to meet the end users' specific requirements.



### SPECIFICATIONS

| | |
|---|---|
| **SUPPLY INPUT POWER:** | 10A, 15A or 20A single phase + N + E |
| **FREQUENCY:** | 50 - 60Hz |
| **RCD:** | 2 pole 30mA 230 VAC, 10Ka Rating, Type A |
| **SOCKET OUTLETS:** | 4x or 6x double pole, auto-switching socket outlet |
| **IP RATING** | 66 |
| **COLOUR:** | Safety Yellow, can be customised |
| **ENCLOSURE:** | High impact corrosion resistant polyethylene enclosure |
| **CABLE LENGTH:** | 1.8m Earth Screened 2.5mm |
| **WEIGHT:** | LG4 – 2.3kg, LG6 – 3kg |
| **DIMENSIONS: (cm)** | LG4 - 29L x 22W x 14H \| LG6: 43L x 22W x 14H |

**Options:**

- Available in several colours
- Can be fitted with three phase plug

**COME VISIT US**
www.spinefex.com.au | +61 7 3202 7383 | 1/42 Clinker Street, Darra QLD 4076, Australia

SPINEFEX

# LIFEGUARD®
## PORTABLE POWER SOLUTIONS

## LIFEGUARD® 7

The LIFEGUARD® 7 temporary power reticulation system will reduce your site establishment costs, provide a safer environment for your staff and simplify changes as your site expands.

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

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




**Expansion & Flexibility**

The LIFEGUARD® 7 system has the ability to interconnect in many ways to reticulate power throughout multi story and large single level construction areas. Interconnection cables are rated at 32 Amps and are of a watertight 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.




Stand is an optional extra

### SPECIFICATIONS LG7 (SMALL)

| | |
|---|---|
| **SUPPLY INPUT POWER:** | 32A 3 phase + N + E 415VAC |
| **FREQUENCY:** | 50 - 60Hz |
| **RCD:** | 4 pole 30mA 230 - 415VAC, Type A |
| **MCB** | 1x 32A 3 pole, 4x 16A 1 pole |
| **SOCKET OUTLETS:** | 4 x 15A auto switching outlets with 230VAC<br>1x 32A three phase 3P + N + E 415VAC<br>1x LG16 Take-off |
| **IP RATING** | 66 |
| **INTERCONNECTION:** | 32A 3 phase + N + E 415VAC, IEC60309 |
| **COLOUR:** | Safety Yellow, can be customised |
| **ENCLOSURE:** | High impact corrosion resistant polyethylene enclosure |
| **WEIGHT:** | 6kg |
| **DIMENSIONS: (cm)** | 40L x 29W x 28H |

### SPECIFICATIONS LG7 (LARGE)

| | |
|---|---|
| **SUPPLY INPUT POWER:** | 32A 3 phase + N + E 415VAC |
| **FREQUENCY:** | 50 - 60Hz |
| **RCD:** | 4 pole 30mA 230 - 415VAC, Type A |
| **MCB** | 1x 32A 3 pole, 3 x 25A 1 pole |
| **SOCKET OUTLETS:** | 6 x 15A auto switching outlets with 230VAC<br>1x 32A three phase 3P + N + E 415VAC<br>1x LG16 Take-off |
| **IP RATING** | 66 |
| **INTERCONNECTION:** | 32A 3 phase + N + E 415VAC, IEC60309 |
| **COLOUR:** | Safety Yellow, can be customised |
| **ENCLOSURE:** | High impact corrosion resistant polyethylene enclosure |
| **WEIGHT:** | 8kg |
| **DIMENSIONS: (cm)** | 43L x 32W x 35H |

**COME VISIT US**
www.spinefex.com.au | +61 7 3202 7383 | 1/42 Clinker Street, Darra QLD 4076, Australia

SPINEFEX

# LIFEGUARD®
## PORTABLE POWER SOLUTIONS

## LIFEGUARD® 9

The LIFEGUARD® 9 temporary power reticulation system will reduce your site establishment costs, provide a safer environment for your staff and simplify changes as your site expands.

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

The LIFEGUARD® 9 is manufactured from high impact polyethylene which is resistant to corrosion and especially suitable for use on rugged construction sites.

**Expansion & Flexibility**

The LIFEGUARD® 9 system has the ability to interconnect in many ways to reticulate power throughout multi story and large single level construction areas. Interconnection cables are rated at 32 Amps and are of a watertight design. LIFEGUARD® 9 is also available with single phase supply input power ratings of up to 63 Amps, and additional socket outlets to suit specific requirements.




### SPECIFICATIONS

| | |
|---|---|
| **SUPPLY INPUT POWER:** | 32A or 63A single phase + N + E |
| **FREQUENCY:** | 50 - 60Hz |
| **RCD TRIP CURRENT:** | 30 or 100mA |
| **SOCKET OUTLETS:** | Customisable from 10-63A |
| **IP RATING** | 56 |
| **COLOUR:** | Safety Yellow, can be customised |
| **ENCLOSURE:** | High impact corrosion resistant rotaform plastic enclosure |
| **WEIGHT:** | 8kg |
| **DIMENSIONS:** | 682L x 184W x 431H |

**COME VISIT US**
www.spinefex.com.au | +61 7 3202 7383 | 1/42 Clinker Street, Darra QLD 4076, Australia

SPINEFEX

# LIFEGUARD®
PORTABLE POWER SOLUTIONS

## 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 socket outlets and with a weight of 20kg it is easy to see why it is the most popular choice on construction sites.

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




### Expansion & 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 to fit user specifications.

LIFEGUARD® 16 Can also be fitted with a hardwired chamber as per some site requirements.

LIFEGUARD® 16 comes standard on the tall stand but is available with short legs and separate stand.



Optional short legs

### SPECIFICATIONS

| | |
|---|---|
| **SUPPLY INPUT POWER:** | 32A 3 phase + N + E 415VAC |
| **FREQUENCY:** | 50 - 60Hz |
| **RCD:** | 4 pole 30mA 230 - 415VAC, Type A |
| **SOCKET OUTLETS:** | 8 x 15a Auto switched outlets – optional 10A/20A outlets<br>1 x 32A three phase 3P + E 415VAC<br>1 x 16a IEC Lighting outlet, own RCBO |
| **IP RATING** | 66 |
| **INTERCONNECTION:** | 32A 3 phase + N + E 415VAC, IEC60309 |
| **COLOUR:** | Safety Yellow, can be customised |
| **ENCLOSURE:** | High impact corrosion resistant polyethylene enclosure |
| **WEIGHT:** | 20kg |
| **DIMENSIONS: (cm)** | 67L x 67W x 90H |

**Options:**

- Changeover switches
- Powerlock inlets/outlets
- Customisable socket configurations and RCD's
- Kilowatt meter
- Hardwired chamber
- Customisable enclosure colour
- Customisable company logo in base

**COME VISIT US**
www.spinefex.com.au | +61 7 3202 7383 | 1/42 Clinker Street, Darra QLD 4076, Australia

SPINEFEX

# LIFEGUARD®
## PORTABLE POWER SOLUTIONS

## LIFEGUARD® 17

LIFEGUARD 17 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 a wiring fault develop, causing current leakage to earth, the residual current device removes the power supply to the socket outlets.

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

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




### Expansion & 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 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.

LIFEGUARD® 17 comes standard on the tall stand but is available with short legs and separate stand.



Optional short legs

### SPECIFICATIONS

| | |
|---|---|
| **SUPPLY INPUT POWER:** | 63A 3 phase + N +E 415VAC |
| **FREQUENCY:** | 50 - 60Hz |
| **RCD'S:** | 4 pole 30mA 230 - 415VAC, Type A |
| **SOCKET OUTLETS:** | 12 x 15a Auto switched outlets - optional 10A/20A outlets<br>3 x 32A three phase 3P + E 415VAC<br>1 x LG16 Take-off IEC<br>1 x 16a IEC Lighting outlet, own RCBO |
| **IP RATING** | 66 |
| **INTERCONNECTION:** | 63A 3 phase + N + E 415VAC, IEC60309 |
| **COLOUR:** | Safety Yellow, can be customised |
| **ENCLOSURE:** | High impact corrosion resistant polyethylene enclosure |
| **WEIGHT:** | 30kg |
| **DIMENSIONS: (cm)** | 67L x 67W x110H |

**Options:**

- Changeover switches
- Powerlock inlets/outlets
- Customisable socket configurations and RCD's
- Kilowatt meter
- Hardwired chamber
- Customisable enclosure colour
- Customisable company logo in base

**COME VISIT US**
www.spinefex.com.au | +61 7 3202 7383 | 1/42 Clinker Street, Darra QLD 4076, Australia

SPINEFEX

# LIFEGUARD®
PORTABLE POWER SOLUTIONS

## LIFEGUARD® 16 17 STAND

Our Stand offers a practical solution to keep your LIFEGUARD® 16 or 17 raised off the ground for easy access to power outlets and inlets, and also offers the perfect place to charge batteries in a dry and safe location.




**Features & Benefits**

– Made from heavy duty high impact resistant Polyethylene Plastic
– Heavy duty yet light weight material– Stackable and stable space saving design, ideal for storage and transport
– Integrated component parts
– Clip-Locking system allows easy “no tools” install to the LG 16’s or LG17’s
– Safely and securely raises the LG16 or LG17 off the ground, providing improved ground clearance and ergonomic access to the units control panels and for connection/disconnection of cables
– Shelf for storing or charging tool batteries, simply plug your charger into one of the 3 PIN sockets
– Multiple pole mounting options for lighting and/or to suspend cables
– Improved lead entry/egress from unit when deployed with the LIFEGUARD® pole
– Can be used with the LG 16 and LG 17 – one base, two units
– Customer Branding available on request (MOQ required) – extend your brand identity onto your onsite tools




**SPECIFICATIONS**

| | |
|---|---|
| **Material** | Heavy Duty Polyethylene Plastic |
| **Weight:** | 6kg |
| **Dimensions (MM):** | 600L x 600W x 460H |
| **Compatibility:** | LG16 & LG17 |

**COME VISIT US**
www.spinefex.com.au | +61 7 3202 7383 | 1/42 Clinker Street, Darra QLD 4076, Australia

SPINEFEX

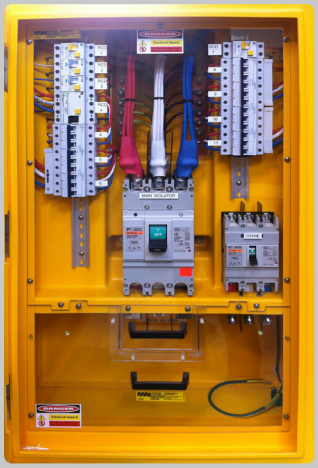
# LIFEGUARD®
## PORTABLE POWER SOLUTIONS

## LIFEGUARD® 83

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

LG83 provides master isolation, sub circuit protection including sub-board distribution (typically LG16, LG17 and LG7 units), site hut reticulation (LG15) and provision for lighting. The LIFEGUARD® 83 is fitted with RCD's to provide protection against electrocution for staff using electrical equipment.

The LIFEGUARD® 83 is fully adaptable to include a MCCB main switch up to 800amp, 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.






### SPECIFICATIONS

| | |
|---|---|
| **CONNECTION:** | Hardwire chamber |
| **SUPPLY INPUT POWER:** | 250A, 4pole EMC stop and Power Indication |
| **SOCKET OUTLETS:** | 3 x 63A 5 pin outlets ABL own MCB- to run Lifeguard 17's<br>3 x 32A 5 pin outlets ABL own MCB- to run Lifeguard 16's or LG7's<br>4 x 15A Auto switched outlets 2 x 25a 2P RCBO's<br>2 x 16A ABL Lighting outlet 2 x 16a 2P RCBO's |
| **ENCLOSURE:** | GRP – Glass Reinforced Plastic, Gel coated |
| **MOUNTING:** | Galvanised steel tube frame with puncture proof wheels |
| **COLOUR:** | Safety Yellow |
| **WEIGHT** | 95kg |
| **DIMENSIONS: (cm)** | 123W x 74D x155H |
| **IP RATING:** | IP66 |
| **RCD TYPE:** | Type A |

**Options:**

- Wallmount/generator mount
- Changeover switches
- Powerlock inlets/outlets
- Customisable socket configurations
- Kilowatt meter
- Back to back enclosure
- Customisable enclosure colours

**COME VISIT US**
www.spinefex.com.au | +61 7 3202 7383 | 1/42 Clinker Street, Darra QLD 4076, Australia

SPINEFEX

# LIFEGUARD®
PORTABLE POWER SOLUTIONS

## LIFEGUARD® 86

LIFEGUARD® 86 boasts a generously sized GRP enclosure designed for installation of higher amperage fittings, larger MCCBs, RCDs and socket outlets.

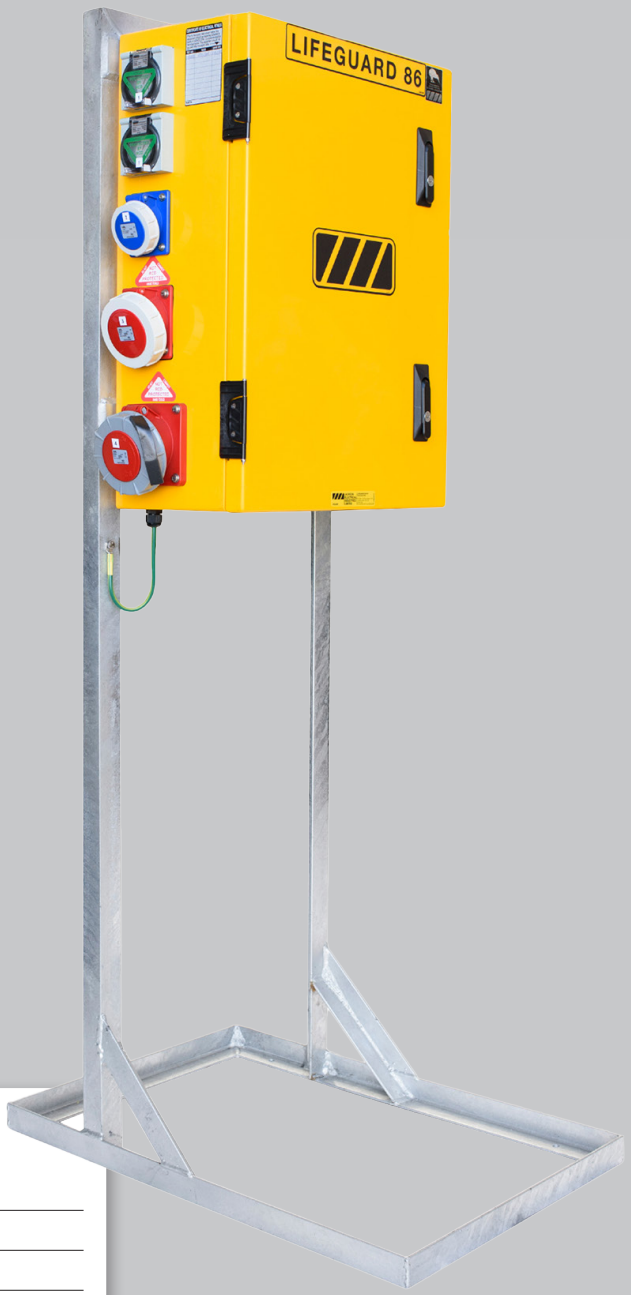
LIFEGUARD® 86 unit is an enclosure with a moulded lid to accommodate requirements of multi-voltage and multi-amperage sockets to service the demands of many industrial work areas. Often used in areas where many variations may be necessary, especially take-off points for larger generators.

**Expansion & Flexibility**

LIFEGUARD® 86 can be fitted with RCD and MCCB protection and a wide range of socket outlets. This unit can be mounted on an upright frame, provision for metering is available. The LIFEGUARD® 86 enclosures are adaptable for a wide range of other applications including: generators, factory shut downs, housing sensors, control components and other electronic equipment, particularly in harsh environments.

Many different configurations available to suit site requirements.

*Can be wall mounted.




### SPECIFICATIONS

| | |
|---|---|
| **SUPPLY INPUT POWER:** | 150A |
| **SOCKET OUTLETS:** | 1 x 63A, 1 x 32A, 2 x 15A, 1 x 16A |
| **INTERCONNECTION:** | Hardwire chamber |
| **ENCLOSURE:** | GRP – Glass Reinforced Plastic, Gel coated |
| **MOUNTING:** | Galvanised steel frame |
| **COLOUR:** | Safety Yellow |
| **WEIGHT:** | 45kg |
| **DIMENSIONS: (cm)** | 70W x 50D x155H |

**COME VISIT US**
www.spinefex.com.au | +61 7 3202 7383 | 1/42 Clinker Street, Darra QLD 4076, Australia

SPINEFEX

# LIFEGUARD®
## PORTABLE POWER SOLUTIONS

## EARTH SCREENED CABLES

Three phase Lifeguard cables are available in 32A, 63A and 125A 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 cable. 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.


LG162 56-ABL

### SPECIFICATIONS

| | |
|---|---|
| **VOLTAGE:** | 250/440V (2.5mm2)<br>600/1000V (6 - 25mm2) |
| **CONDUCTOR:** | Annealed Copper |
| **INSULATION:** | 2 core - Light blue, Brown<br>3 core - Red, White, Blue<br>4 core - Red, White, Blue, Black |
| **BRAID SCREEN:** | Flexible copper braid |
| **MAX TEMP:** | 75°C |
| **SHEATH:** | Nitrile PVC, Type 5V-90 |


LG162

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

Cable cross section



Complies with ASNZS 3012 Appendix K


LG172

**COME VISIT US**
www.spinefex.com.au | +61 7 3202 7383 | 1/42 Clinker Street, Darra QLD 4076, Australia

SPINEFEX

# LIFEGUARD®
PORTABLE POWER SOLUTIONS

## 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.

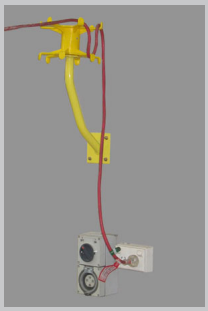
The unique top assembly is manufactured from non conductive polypropylene. It is counter weighted to maintain stability with a bucket and approx. 20kgs of sand or rock.

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

**TS1**
**Electrical Lead Stand**



**TS2**
**Wall Bracket**



**TS5**
**Lead Hook**

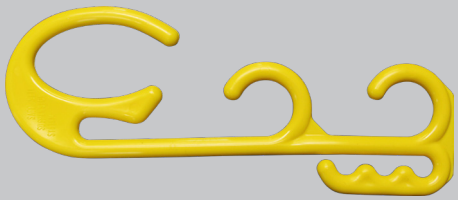


**TS7**
**Scaffold Bracket**



Site Safe Suspension system. - S4 Safety Hook. Australian Made with a working load of 10kg – make your work site safer by suspending your electrical cables off the ground.

**S4**
**Safety Hook**



**COME VISIT US**
www.spinefex.com.au | +61 7 3202 7383 | 1/42 Clinker Street, Darra QLD 4076, Australia

SPINEFEX

# LIFEGUARD®

## PORTABLE POWER SOLUTIONS

SPINEFEX

**COME VISIT US**

www.spinefex.com.au | +61 7 3202 7383 | 1/42 Clinker Street, Darra QLD 4076, Australia