Solar Power Supply Solutions

10-180 watt models

User-replaceable battery in 7-stage powder-coated aluminium housing

Adjustable solar module angled to maximise solar collection

SL-PS-12-10-7.5

SL-PS-12-20-26

SL-PS-12-40-55
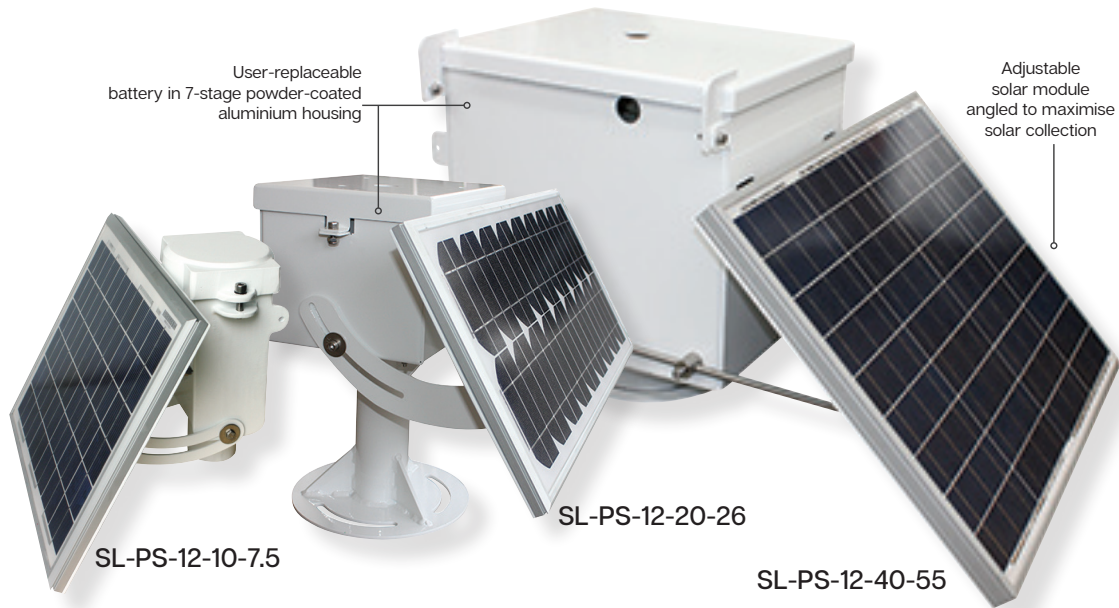
Sealite offers a range solar power supplies to suit stand-alone navigation aid installations, such as marine lanterns and precision sector lights.

The solar power supplies are available in multiple configurations, including various battery and solar sizing, and self-contained or modular options. In addition, Sealite can provide customised designs for unique installation requirements.

Solar Power Supplies

Electrical Characteristics & Specifications·*

Model	SL-PS-12-10-7.5	SL-PS-12-20-26	SL-PS-12-40-26	SL-PS-12-40-55
Solar Panel (W)	10W	20W	40W	40W
Battery Size (Ah)	7.5Ah	26Ah	26Ah	55Ah

Model	SL-PS-12-60-55	SL-PS-12-90-110	SL-PS-12-140-110	SL-PS-12-180-110
Solar Panel (W)	60W	90W	140W	180W (2x 90W)
Battery Size (Ah)	55Ah	110Ah	110Ah	110Ah

Model	SL-PS-12-270-110	SL-PS-12-90-220	SL-PS-12-140-220	SL-PS-12-180-220
Solar Panel (W)	270W (3x 90W)	90W	140W	180W (2x 90W)
Battery Size (Ah)	110Ah	220Ah	220Ah	220Ah

Model	SL-PS-12-180-440	SL-PS-12-270-220	SL-PS-12-280-330	SL-PS-12-560-330
Solar Panel (W)	180W (2x 90W)	270W (3x 90W)	280W (2x 140W)	560W (4x 140W)
Battery Size (Ah)	440Ah	220Ah	330Ah	330Ah

. Specifications subject to change or variation without notice
• Subject to standard terms and conditions

The Sealite Advantage

- Power supplies available in multiple configurations & sizes to suit various applications
- Solar panel tilt angle can be set to suit geographical location
- Custom designs available for larger systems or specific installation requirements
- Easy to install and service

Technical Illustrations
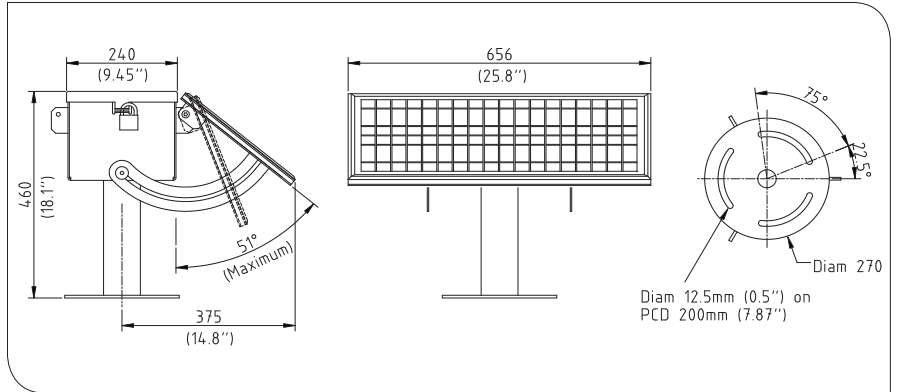
SL-PS-12-10-7.5
10 watt power supply, includes;
- 1 x 10 watt solar panel
- 1 x 7.5Ah battery
- Delivers 0.58 Amp/hour
- Solar charge controller
- Weatherproof battery housing
- 16mm cable gland in mounting spigot
- Additional 16mm tapped hole with blanking plug

278 (10.9") 172 (6.8") 288 (11.3") 25° 368 (14.5")
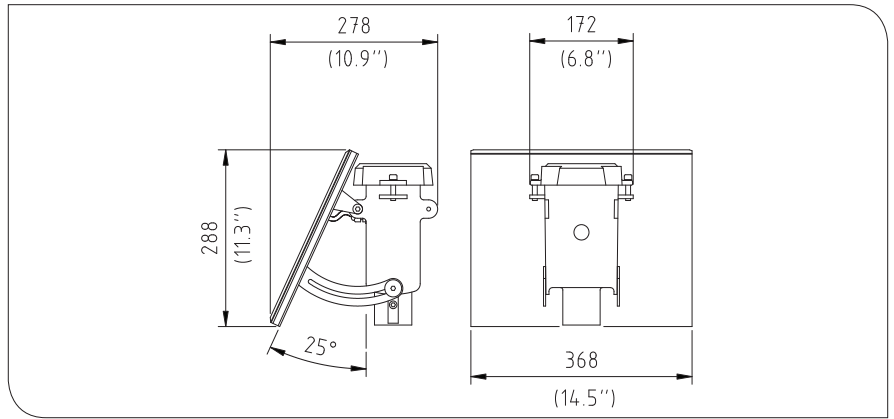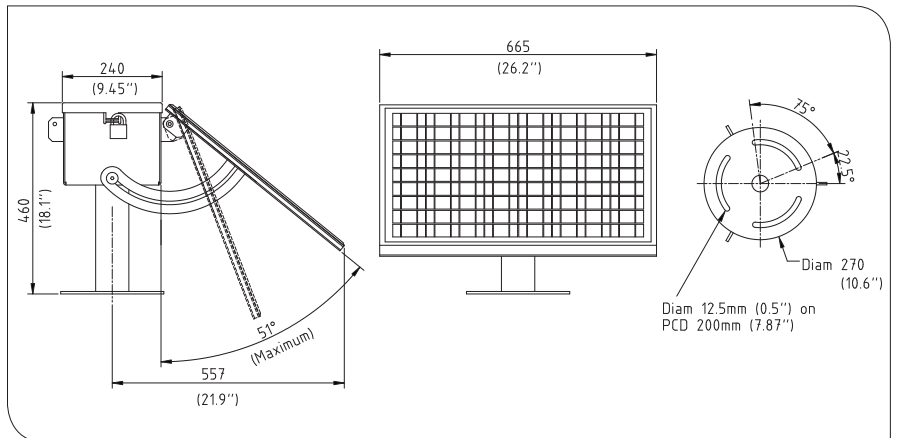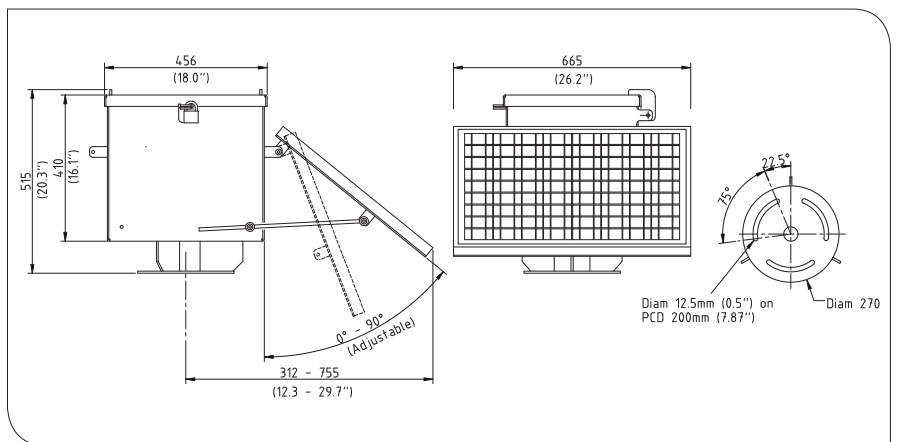
SL-PS-12-20-26
20 watt power supply, includes;
- 1 x 20 watt solar panel
- 1 x 26Ah battery
- Delivers 1.16 Amp/hour
- Solar charge controller
- Weatherproof battery housing
- 16mm cable gland cable access

240 (9.45") 656 (25.8") 460 (18.1") 51° (Maximum) 375 (14.8") 75° 22.5° Diam 270 Diam 12.5mm (0.5") on PCD 200mm (7.87")

SL-PS-12-40-26
40 watt power supply, includes;
- 1 x 40 watt solar panel
- 1 x 26Ah battery
- Delivers 2.32 Amp/hour
- Solar charge controller
- Weatherproof battery housing
- 16mm cable gland cable access

240 (9.45") 665 (26.2") 460 (18.1") 51° (Maximum) 557 (21.9") 75° 22.5° Diam 270 (10.6") Diam 12.5mm (0.5") on PCD 200mm (7.87")

SL-PS-12-40-55
40 watt power supply, includes;
- 1 x 40 watt solar panel
- 1 x 55Ah battery
- Delivers 2.32 Amp/hour
- Solar charge controller
- Weatherproof battery housing
- Lockable powder coated battery box c/w 200mm bolt pattern mount - Type 2 series
- 16mm cable gland access

456 (18.0") 665 (26.2") 515 (20.3") 470 (16.1") 0° - 90° (Adjustable) 312 - 755 (12.3 - 29.7") 22.5° 75° Diam 12.5mm (0.5") on PCD 200mm (7.87") Diam 270
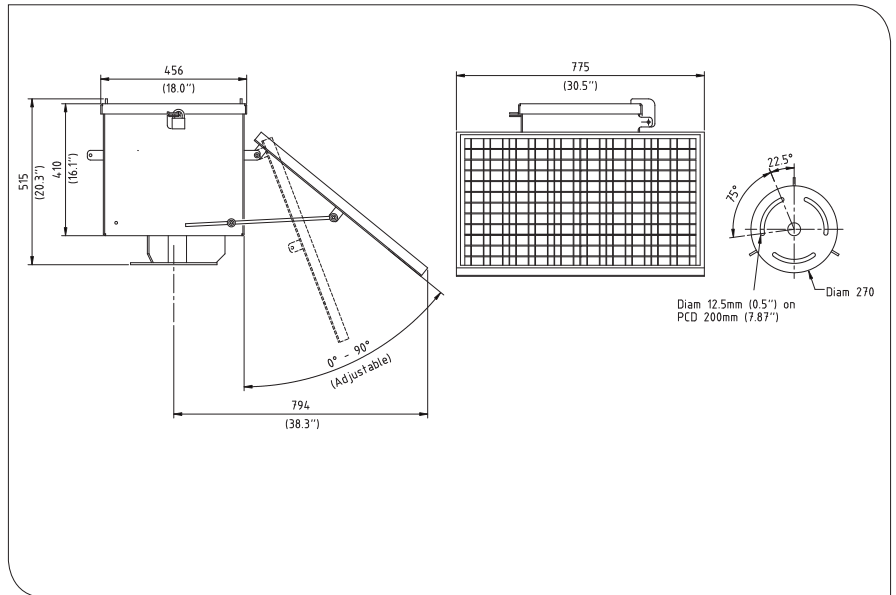
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Technical Illustrations

SL-PS-12-65-55
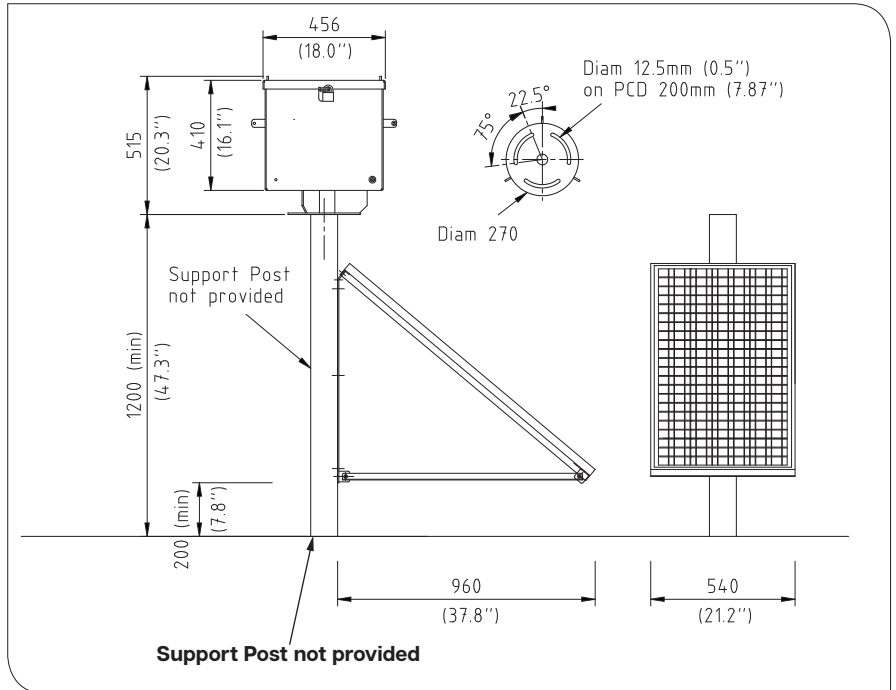
65 watt power supply, includes;
- 1 x 65 watt solar panel
- 1 x 55Ah battery
- Delivers 3.44 Amp/hour
- Solar charge controller
- Weatherproof battery housing
- Lockable powder coated battery box c/w 200mm bolt pattern mount
  - Type 2 series

SL-PS-12-90-110

90 watt power supply, includes;
- 1 x 90 watt solar panel c/w wall mounting bracket
- 1 x 110Ah batteries
- Delivers 5.17 Amp/hour
- Solar charge controller
- Weatherproof battery housing
- Lockable powder coated battery box c/w 200mm bolt pattern mount
  - Type 2 series
- 3mtr cabling to solar module & fixtures
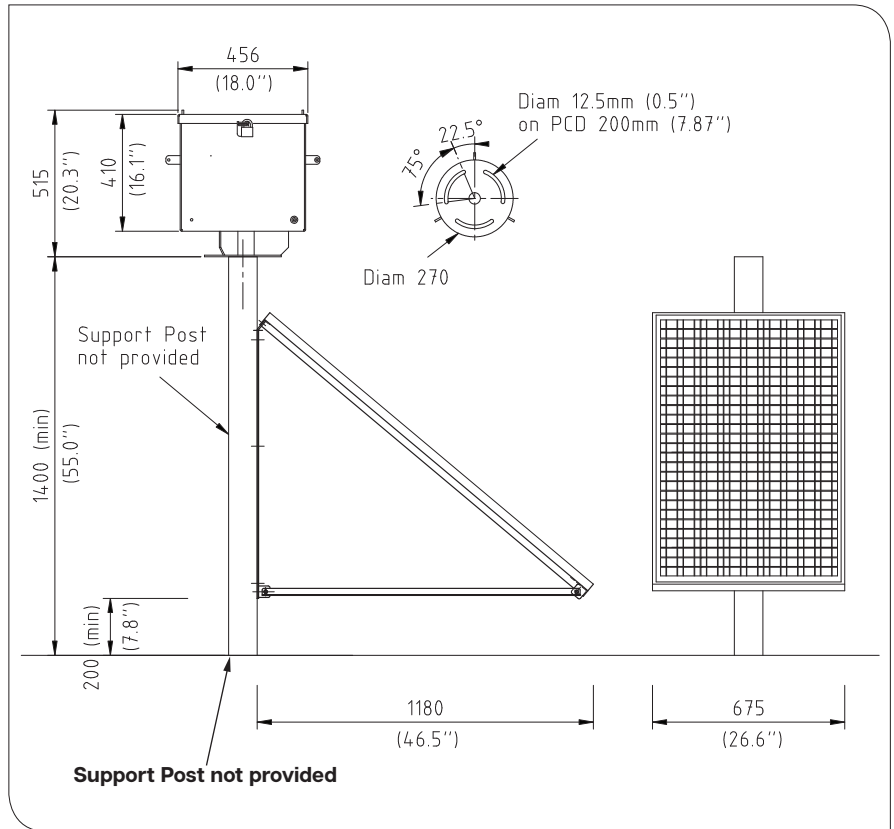

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Technical Illustrations

SL-PS-12-140-110
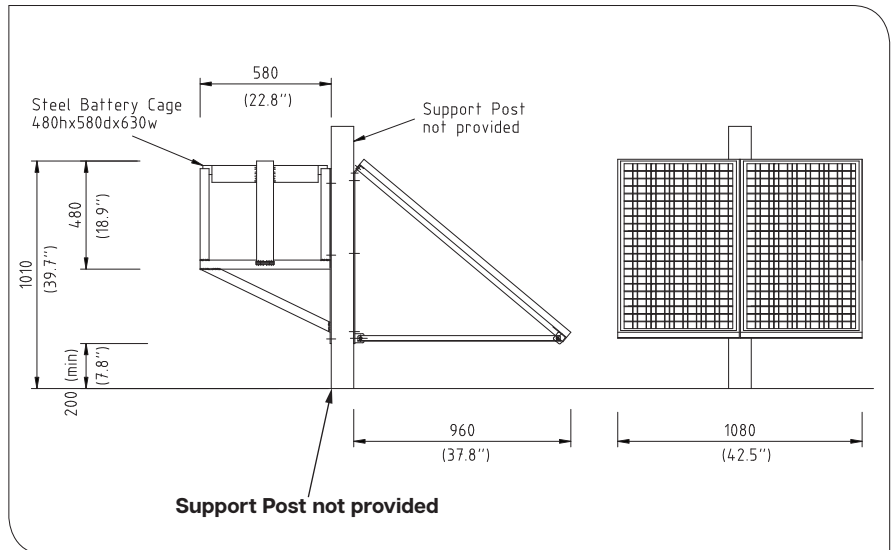140 watt power supply, includes;
- 1 x 140 watt solar panel c/w wall mounting bracket
- 1 x 110Ah battery
- Delivers 8.14 Amp/hour
- Solar charge controller
- Weatherproof battery housing
- Lockable powder coated battery box c/w 200mm bolt pattern mount - Type 2 series
- 3mtr cabling to solar module & fixtures

456 (18.0")
515 (20.3")
410 (16.1")
Diam 12.5mm (0.5") on PCD 200mm (7.87")
22.5°
75°
Diam 270
Support Post not provided
1400 (min) (55.0")
200 (min) (7.8")
1180 (46.5")
675 (26.6")

Support Post not provided

SL-PS-12-180-220
180 watt power supply, includes;
- 2 x 90 watt solar panel c/w wall mounting bracket
- 2 x 110Ah batteries
- Delivers 10.34 Amp/hour
- Solar charge controller
- Weatherproof battery housing
- Lockable powder coated battery cage (wall mounting)
- 3mtr cable to solar module & fixtures

580 (22.8")
Steel Battery Cage 480hx580dx630w
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1010 (39.7")
480 (18.9")
200 (min) (7.8")
960 (37.8")
1080 (42.5")

Support Post not provided

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