



tigerlight®

HIGH-PERFORMANCE
INDUSTRIAL LIGHTING

SOLO
SOLAR LIGHT ENGINE



S  L 
S O L A R E N G I N E



SIMPLE OFF-GRID SOLAR SOLUTION

Stand-alone off-grid solar powered engine for use with Tigerlight luminaires

Range comprises three sizes of solar panels, each with expanded battery capacity for maximum autonomy

Designed for plug and play pairing with Tigerlight luminaires from 10W to 100W, including area lights, streetlights, bulkhead and wall pack lights

Power output pre-programmed prior to delivery. 3m interconnecting cable pre-attached.

Poles not included.

SPECIFICATIONS

MODEL	SRSOLO075	SRSOLO100	SR SOLO175
SOLAR PANEL	75W	100W	175W
BATTERY	52Ah	83Ah	135Ah

CUSTOMISABLE FACTORY PROGRAMMED OUTPUTS & SCHEDULING

Each SOLO engine is customised to suit site requirements while balancing local solar conditions. Programmable options include;

- Dusk til dawn constant output
- Dusk til dawn with scheduled dimming to prolong autonomy eg 40W 4hrs, 20W 6hrs, 40W til dawn
- 100% output for a set period then switch off
- Delayed activation – Switch on early morning
- 24/7 operation - constant 24/7 operation at reduced power levels - suits indoor applications and green eyewash luminaires.

COMPATIBLE TIGERLIGHT LIGHT HEADS

10-100W lamp power pre-programmable prior to delivery to suit particular application and local solar conditions. Plug & play operation with 3m connector cable supplied

Options include lensing, CCT, housing colour.



MAKO
P/N: SLMAKOSOLO



MEGA FLOOD
FLSOLO



STREET LIGHT
SLSOLO



MAKO BULKHEAD
SLBULKSOLO

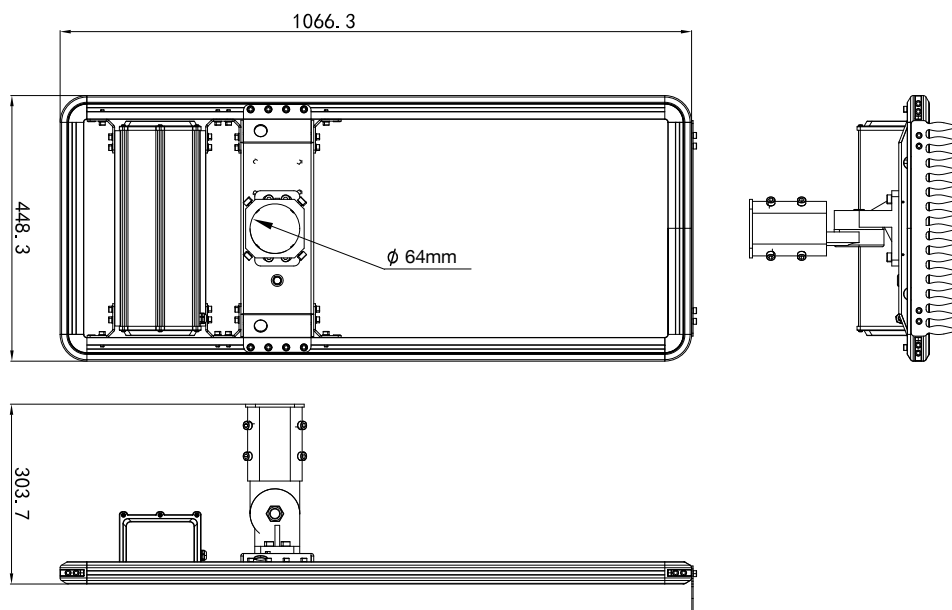


SENTRY WALLPACK
FLWPSOLO



SOLO 75 - 75W Panel / 52Ah Battery

Solar panel	75W, bi-facial - 23% greater efficiency Optional underside vandal resistant guard available.
Battery rating	52Ah / 624Wh
Model number	SRSOLO075
Battery	Lithium ion 18650. >2000 cycles
Charge duration	8 hours
Discharge duration	Up to 52 hours
Voltage	22.2V
Controller	MPPT type. Replaceable Battery low capacity protection. DoD min 20% safety margin
PV sensor	Auto dusk to dawn program
24/7 output option	Up to 13W 24/7 constant output option available
IP rating	IP66 battery/IP68 controller
IK rating	IK08
Weight inc bracket	20kg
Spigot diameter	64mm
Operating temps	-20 to +65°C
Wind load	To 209 km/hr
Dimensions mm	1066L x 448W x 304H inc bracket
Warranty	3 years



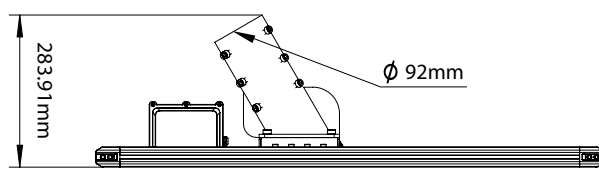
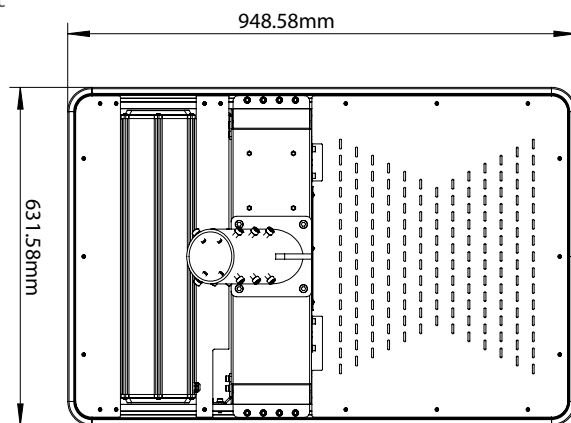
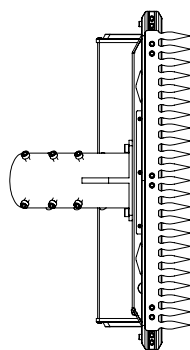
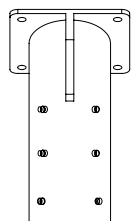
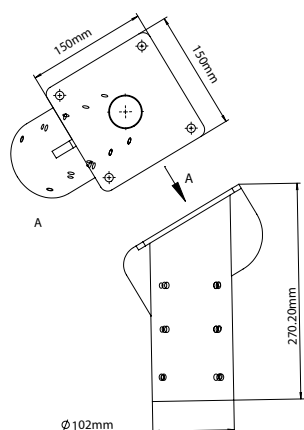


SOLO 100 - 100W Panel / 83Ah Battery

Solar panel	100W, bi-facial Optional underside vandal resistant guard available.
Battery rating	83Ah /996Wh
Model number	SRSOLO100
Battery	Lithium ion 18650. >2000 cycles
Charge duration	8 hours
Discharge duration	Up to 52 hours
Voltage	22.2V
Controller	MPPT type. Replaceable Battery low capacity protection. DoD min 20% safety margin
PV sensor	Auto dusk to dawn programs
24/7 output option	Up to 13W 24/7 constant output option available
IP rating	IP66 battery /IP68 controller
IK rating	IK08
Weight inc bracket	26.7kg
Spigot diameter	92mm
Operating temps	-20 to +65°C
Wind load	To 209 km/hr
Dimensions mm	949L x 632W x 284H inc bracket
Warranty	3 years



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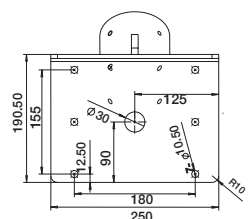
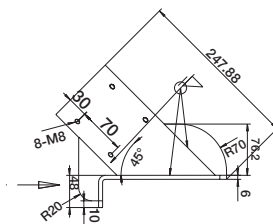
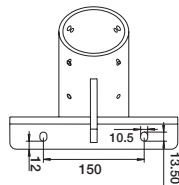
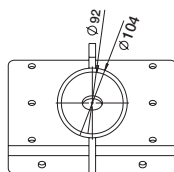
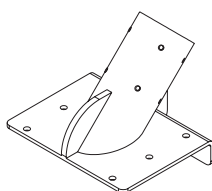
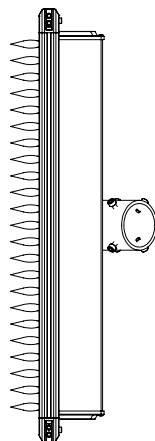
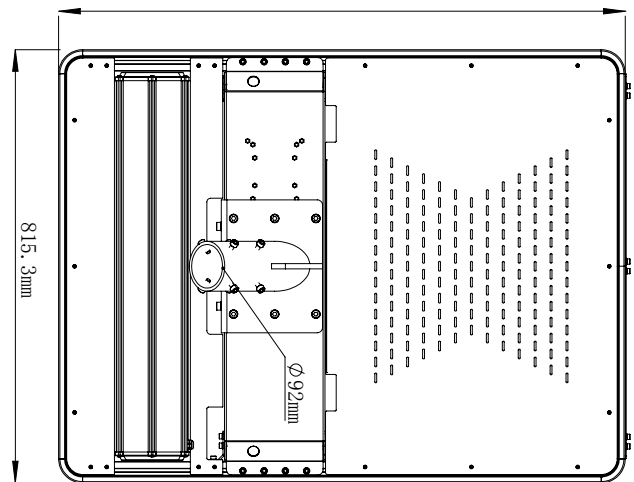
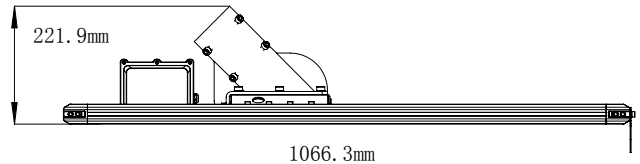


SOLO 175 - 175W Panel / 135Ah Battery

Solar panel	175W, bi-facial - 23% greater efficiency Optional underside vandal resistant guard available.
Battery rating	135Ah / 1622Wh
Model number	SRSOLO175
Battery	Lithium ion 18650. >2000 cycles
Charge duration:	9 hours
Discharge duration	Up to 72 hours
Voltage	22.2V
Controller	MPPT type. Replaceable Battery low capacity protection. DoD min 20% safety margin
PV sensor	Auto dusk to dawn programs
24/7 output option	Up to 13W 24/7 constant output option available
IP rating	IP66 battery /IP68 controller
IK Rating	IK08
Weight inc bracket	35kg
Spigot diameter	92mm
Operating temps	-20 to +65°C
Wind load	To 209 km/hr
Dimensions mm inc bracket	1066L x 815W x 223H
Warranty	3 years



Poles not included





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