

No more diesel, no more testing and tagging and no additional labour needed to run the equipment and no more servicing. A true set and forget solution.



We have a wide range of mobile solar lighting tower solutions.

With ultra fast charging and a 19 hour run time these units are ideal for construction sites, mine sites or events. Ultra compact available in 3 variants including skid, trailer and cube the Solar Flare is not only economical with zero emmissions but hassle free and easy to set up.





The future of lighting

True set and forget technology

Easy to set up, cost effective and reliable with minimal to no maintenance, the Solar Flare mobile lighting tower soltion reduces your carbon footprint with minimal ongoing operational costs.



With an endless supply of power from the sun in Australia and the need to reduce our carbon footprint the Solar Flare R&D team set out to engineer the worlds finest multi purpouse solar light tower. The Solar Flare mobile lighting tower solution brings the promise of tomorrows clean energy solutions to market today. Available in there different configurations to suit industry conditions the Solar Flare units are not only robust and extremely capable but they are quiet, energy effcient with zero harmful emmisions. No more diesel or the threat of an environmental spill, no more regular diesel servicing or the pesky tagging and testing ritual, but rather just an economically viable, cost effective and hassle free solution that can only be described as a set and forget option to your lighting needs.

Our trailer units are nimble and easily manoueverable making them ideal for rapid deployment and setup. Our cube units have an amazing reduced footprint enabling them to be packed onto a trailer or container for maximum space saving advantages and our skids are perfect for those jobs that require a unit that cannot be moved or stolen and needs to endure severe weathwer conditions. Beautifully constructed with a low centre of gravity the skid style units can endure winds of upto 117Km/H without issue, making them ideal for remote operartions where weather can play havoc with equipment.

We provide full backup, spares and should the need occur servicing for our units and they can either be purchsed outright or hired from our team of local experts.

Brett Johnston

CEO Solar Flare



The skid solution



Silent operation

MoDEL UST 900 BATTERY SYSTEM Weight 1850 Kg Voltage DC 12 V Voltage DC 24V Series and parallel 2 in series then parallel Temperature -35° C / 50° C Power capacity 14 400 Wh Dimensions 2700 x 3200 x 9200 mm Maintenance free Deep cycle LAMP SYSTEM BASE SYSTEM LED 4 x 150W Standards US / AU / EU Protection class IP 65 Skid Durable Lumens 9000 Lm Fixed ring 4 Beam angle 20" 40° 60° 90° 110° Forklift holes 2 Voltage DC 24 V Outrigger 4 x Manual galvanised Run time 19:2 Hrs Warranty 2 years SOLAR SYSTEM Solar controller MPPT 60A Voltage DC 49 V Efficiency 95% + Charging Time 8.9 Hours Timer Dusk and Dawn Detection and protection Short circuit overload High voltage High temperature Battery isolato				
Weight 1850 Kg Voltage DC 12 V Voltage DC 24V Series and parallel 2 in series then parallel Temperature -35° C / 50° C Power capacity 14 400 Wh Dimensions 2700 x 3200 x 9200 mm Maintenance free Deep cycle LAMP SYSTEM BASE SYSTEM LED 4 x 150W Standards US / AU / EU Protection class IP 65 Skid Durable Lumens 90 000 Lm Fixed ring 4 Beam angle 20° 40° 60° 90° 110° Forklift holes 2 Voltage DC 24 V Outrigger 4 x Manual galvanised Run time 19.2 Hrs Warranty 2 years SOLAR SYSTEM Solar Panels Silicone 72 pcs Solar controller MPPT 60A Voltage DC 49 V Efficiency 95% + Charging Time 8.9 Hours Timer Dusk and Dawn Detection and protection High voltage High temperature Battery isolator Light on/off Mast up / down Rotation and tilt MAST SYSTEM Standards US / AU / EU Protection Capacity Available of the parallel of	MODEL	UST 900	BATTERY SYSTEM	
Voltage DC 24V Series and parallel 2 in series then parallel Temperature -35° C / 50° C Power capacity 14 400 Wh Dimensions 2700 x 3200 x 9200 mm Maintenance free Deep cycle LAMP SYSTEM LED 4 x 150W Standards US / AU / EU Protection class IP 65 Skid Durable Lumens 90 000 Lm Fixed ring 4 Beam angle 20° 40° 60° 90° 110° Forklift holes 2 Voltage DC 24 V Outrigger 4 x Manual galvanised Run time 19.2 Hrs Warranty 2 years SOLAR SYSTEM Solar Panels 3 x 455 W Monocrystalline Silicone 72 pcs Voltage DC 49 V Efficiency 95% + Charging Time 8.9 Hours Timer Dusk and Dawn Detection and protection High voltage High remperature Battery isolator Light on/off Mast up / down Rotation and tilt MAST SYSTEM Stainless steel 304 Controller manual Allen wrench Wire rope Stainless steel 316 Certfication ISO 9001 Type Square telescopic Height 9 m / 30 Ft Rotation 360° electric Tilt 90° electric Spring cable Power supply	Material	Steel Q 235	GEL	8 x 150 Ah
Temperature -35° C / 50° C Power capacity 14 400 Wh Dimensions 2700 x 3200 x 9200 mm Maintenance free Deep cycle LAMP SYSTEM LED 4 x 150W Standards US / AU / EU Protection class IP 65 Skid Durable Lumens 90 000 Lm Fixed ring 4 Beam angle 20° 40° 60° 90° 110° Forklift holes 2 Voltage DC 24 V Outrigger 4 x Manual galvanised Rountime 19.2 Hrs Warranty 2 years SOLAR SYSTEM Solar Panels 3 x 455 W Monocrystalline Silicone 72 pcs Voltage DC 49 V Efficiency 95% + Charging Time 8.9 Hours Timer Dusk and Dawn Detection and protection MAST SYSTEM UST 900 ACCESSORIES Body Steel Q 235 galvanised Operation manual Allen wrench Wire rope Stainless steel 304 Controller manual Allen wrench Wire rope Stainless steel 316 Certfication ISO 9001 Type Square telescopic Height 9 m / 30 Ft Rotation 360° electric Titt 90° electric Spring cable Power supply	Weight	1850 Kg	Voltage	DC 12 V
Dimensions 2700 x 3200 x 9200 mm Maintenance free Deep cycle LAMP SYSTEM LED 4x 150W Standards US / AU / EU Protection class IP 65 Skid Durable Lumens 90000 Lm Fixed ring 4 Beam angle 20° 40° 60° 90° 110° Forklift holes 2 Voltage DC 24 V Outrigger 4 x Manual galvanised Run time 19.2 Hrs Warranty 2 years SOLAR SYSTEM Solar Panels 3x 455 W Monocrystalline Silicone 72 pcs Solar controller MPPT 60A Voltage DC 49 V Efficiency 95% + Charging Time 8.9 Hours Timer Dusk and Dawn Detection and protection High voltage High temperature Battery isolator Light on/off Mast up / down Rotation and tilt MAST SYSTEM UST 900 ACCESSORIES Body Steel Q 235 galvanised Operation manual Parts manual Allen wrench Wire rope Stainless steel 304 Controller manual Allen wrench Wire rope Stainless steel 316 Certfication ISO 9001 Diameter 8 mm ISO 14001 Type Square telescopic Height 9 m / 30 ft Rotation 360° electric Tilt 90° electric Spring cable Power supply	Voltage	DC 24V	Series and parallel	2 in series then parallel
LED	Temperature	-35° C / 50° C	Power capacity	14 400 Wh
LED	Dimensions	2700 x 3200 x 9200 mm	Maintenance free	Deep cycle
Protection class	LAMP SYSTEM		BASE SYSTEM	
Lumens 90 000 Lm Fixed ring 4	LED	4 x 150W	Standards	US / AU / EU
Beam angle 20° 40° 60° 90° 110° Forklift holes 2 Voltage DC 24 V Outrigger 4 x Manual galvanised 2 Run time 19.2 Hrs Warranty 2 years SOLAR SYSTEM CONTROL SYSTEM Solar Panels Silicone 72 pcs Solar controller MPPT 60A Voltage DC 49 V Efficiency 95% + Charging Time 8.9 Hours Timer Dusk and Dawn Detection and protection High voltage High temperature Battery isolator Light on/off Mast up / down Rotation and tilt MAST SYSTEM UST 900 ACCESSORIES Body Steel Q 235 galvanised Operation manual Parts manual Fastner Stainless steel 304 Controller manual Allen wrench Wire rope Stainless steel 316 Certfication ISO 9001 Diameter 8 mm Type Square telescopic Height 9 m / 30 Ft Rotation 360° electric Tilt 90° electric Spring cable Power supply	Protection class	IP 65	Skid	Durable
Voltage DC 24 V Outrigger 4 x Manual galvanised Run time 19.2 Hrs Warranty 2 years SOLAR SYSTEM Solar Panels 3 x 455 W Monocrystalline Silicone 72 pcs Voltage DC 49 V Efficiency 95% + Charging Time 8.9 Hours Timer Dusk and Dawn Detection and protection High voltage High voltage High temperature Battery isolator Light on/off Mast up / down Rotation and tilt MAST SYSTEM UST 900 ACCESSORIES Body Steel Q 235 galvanised Operation manual Parts manual Fastner Stainless steel 304 Controller manual Allen wrench Wire rope Stainless steel 316 Certfication ISO 9001 Diameter 8 mm Type Square telescopic Height 9 m / 30 Ft Rotation 360° electric Tilt 90° electric Spring cable Power supply	Lumens	90 000 Lm	Fixed ring	4
Run time 19.2 Hrs Warranty 2 years SOLAR SYSTEM Solar Panels 3 x 455 W Monocrystalline Silicone 72 pcs Voltage DC 49 V Efficiency 95% + Charging Time 8.9 Hours Timer Dusk and Dawn Detection and protection High voltage High temperature Battery isolator Light on/off Mast up / down Rotation and tilt MAST SYSTEM UST 900 ACCESSORIES Body Steel Q 235 galvanised Operation manual Parts manual Fastner Stainless steel 304 Controller manual Allen wrench Wire rope Stainless steel 316 Certfication ISO 9001 Diameter 8 mm Type Square telescopic Height 9 m / 30 Ft Rotation 360° electric Tilt 90° electric Spring cable Power supply	Beam angle	20° 40° 60° 90° 110°	Forklift holes	2
Solar Panels Solar Panels Solar Controller Solar controller MPPT 60A Solar Panels Solar Controller MPPT 60A Solar Controller Dusk and Dawn Detection and protection High voltage High temperature Battery isolator Light on/off Mast up / down Rotation and tilt MAST SYSTEM Body Steel Q 235 galvanised Operation manual Parts manual Parts manual Allen wrench Stainless steel 304 Controller manual Allen wrench ISO 9001 Diameter Stainless steel 316 Certfication ISO 9001 Type Square telescopic Height 9 m / 30 Ft Rotation 360° electric Tilt 90° electric Spring cable Power supply	Voltage	DC 24 V	Outrigger	4 x Manual galvanised
Solar Panels 3 x 455 W Monocrystalline Silicone 72 pcs Voltage DC 49 V Efficiency 95% + Charging Time 8.9 Hours Detection and protection High voltage High temperature Battery isolator Light on/off Mast up / down Rotation and tilt MAST SYSTEM Body Steel Q 235 galvanised Fastner Stainless steel 304 Wire rope Stainless steel 316 Diameter 8 mm Type Square telescopic Height 9 m / 30 Ft Rotation 360° electric Spring cable Solar controller MPPT 60A PSW + Controller MPPT 60A Short circuit overload Phigh voltage High temperature Battery isolator Light on/off Mast up / down Rotation and tilt Certfication Parts manual Allen wrench ISO 9001 ISO 9001 CE SAA UL Spring cable	Run time	19.2 Hrs	Warranty	2 years
Voltage	SOLAR SYSTEM		CONTROL SYSTEM	
Charging Time 8.9 Hours Timer Dusk and Dawn Detection and protection High voltage High temperature Battery isolator Light on/off Mast up / down Rotation and tilt MAST SYSTEM UST 900 ACCESSORIES Body Steel Q 235 galvanised Operation manual Parts manual Fastner Stainless steel 304 Controller manual Allen wrench Wire rope Stainless steel 316 Certfication ISO 9001 Diameter 8 mm Iso 14001 Type Square telescopic Height 9 m / 30 Ft Rotation 360° electric Tilt 90° electric Spring cable Power supply	Solar Panels	-	Solar controller	MPPT 60A
Detection and protection Detection Short circuit overload High voltage High temperature Battery isolator Light on/off Mast up / down Rotation and tilt	Voltage	DC 49 V	Efficiency	95% +
protection Short circuit overload High voltage High temperature	Charging Time	8.9 Hours	Timer	Dusk and Dawn
High temperature Battery isolator Light on/off Mast up / down Rotation and tilt MAST SYSTEM Body Steel Q 235 galvanised Fastner Stainless steel 304 Controller manual Allen wrench Wire rope Stainless steel 316 Certfication ISO 9001 Diameter 8 mm ISO 14001 Type Square telescopic Height 9 m / 30 Ft Rotation 360° electric Tilt 90° electric Spring cable Power supply	200			Short circuit overload
Battery isolator Light on/off Mast up / down Rotation and tilt MAST SYSTEM Body Steel Q 235 galvanised Operation manual Fastner Stainless steel 304 Controller manual Allen wrench Wire rope Stainless steel 316 Certfication ISO 9001 Diameter 8 mm ISO 14001 Type Square telescopic Height 9 m / 30 Ft Rotation 360° electric SAA Tilt 90° electric Spring cable Power supply				High voltage
Light on/off Mast up / down Rotation and tilt MAST SYSTEM Body Steel Q 235 galvanised Fastner Stainless steel 304 Wire rope Stainless steel 316 Diameter Square telescopic Height Power supply Light on/off Mast up / down Rotation and tilt Parts manual Allen wrench Certfication ISO 9001 ISO 14001 CE SAA UL Spring cable Power supply				High temperature
Mast up / down Rotation and tilt MAST SYSTEM Body Steel Q 235 galvanised Fastner Stainless steel 304 Controller manual Allen wrench Wire rope Stainless steel 316 Certfication ISO 9001 Diameter 8 mm ISO 14001 Type Square telescopic Height 9 m / 30 Ft Rotation 360° electric Tilt 90° electric Spring cable Power supply				Battery isolator
Rotation and tilt MAST SYSTEM Body Steel Q 235 galvanised Fastner Stainless steel 304 Controller manual Allen wrench Wire rope Stainless steel 316 Certfication ISO 9001 Diameter 8 mm ISO 14001 Type Square telescopic Height 9 m / 30 Ft Rotation 360° electric Tilt 90° electric Spring cable Power supply				Light on/off
Rotation and tilt MAST SYSTEM Body Steel Q 235 galvanised Fastner Stainless steel 304 Controller manual Allen wrench Wire rope Stainless steel 316 Certfication ISO 9001 Diameter 8 mm ISO 14001 Type Square telescopic Height 9 m / 30 Ft Rotation 360° electric Tilt 90° electric Spring cable Power supply				Mast up / down
Body Steel Q 235 galvanised Operation manual Parts manual Fastner Stainless steel 304 Controller manual Allen wrench Wire rope Stainless steel 316 Certfication ISO 9001 Diameter 8 mm ISO 14001 Type Square telescopic OHSAS 18001 Height 9 m / 30 Ft CE Rotation 360° electric Tilt 90° electric Spring cable Power supply				
Fastner Stainless steel 304 Controller manual Allen wrench Wire rope Stainless steel 316 Certfication ISO 9001 Diameter 8 mm ISO 14001 Type Square telescopic OHSAS 18001 Height 9 m / 30 Ft CE Rotation 360° electric SAA Tilt 90° electric Spring cable Power supply	MAST SYSTEM	UST 900	ACCESSORIES	
Wire rope Stainless steel 316 Certfication ISO 9001 Diameter 8 mm ISO 14001 Type Square telescopic OHSAS 18001 Height 9 m / 30 Ft CE Rotation 360° electric SAA Tilt 90° electric UL Spring cable Power supply	Body	Steel Q 235 galvanised	Operation manual	Parts manual
Diameter 8 mm ISO 14001 Type Square telescopic OHSAS 18001 Height 9 m / 30 Ft CE Rotation 360° electric SAA Tilt 90° electric UL Spring cable Power supply	Fastner	Stainless steel 304	Controller manual	Allen wrench
Type Square telescopic OHSAS 18001 Height 9 m / 30 Ft CE Rotation 360° electric SAA Tilt 90° electric UL Spring cable Power supply	Wire rope	Stainless steel 316	Certfication	ISO 9001
Height 9 m / 30 Ft CE Rotation 360° electric SAA Tilt 90° electric UL Spring cable Power supply	Diameter	8 mm		ISO 14001
Rotation 360° electric SAA Tilt 90° electric UL Spring cable Power supply	Туре	Square telescopic		OHSAS 18001
Tilt 90° electric UL Spring cable Power supply	Height	9 m / 30 Ft		CE
Spring cable Power supply	Rotation	360° electric		SAA
	Tilt	90° electric		UL
	Spring cable	Power supply		
Lifting method Hydraulic	Lifting method	Hydraulic		
Recommended loading 5 Kg ~ 100 Kg	Recommended loading	5 Kg ~ 100 Kg		
Windproof 117 Km/h	Windproof	117 Km/h		





MODEL	UST 1200	BATTERY SYSTEM	
Material	Steel Q 235	GEL	8 x 200 Ah
Weight	2200 Kg	Voltage	DC 12 V
Voltage	DC 48V	Series and parallel	2 in series then parallel
Temperature	-35° C / 50° C	Power capacity	19 200 Wh
Dimensions	2700 x 2200 x 2200 mm	Maintenance free	Deep cycle
LAMP SYSTEM		BASE SYSTEM	
LED	4 x 200 W	Standards	US / AU / EU
Protection class	IP 65	Skid	Durable
Lumens	120 000 Lm	Fixed ring	4
Beam angle	20° 40° 60° 90° 110°	Forklift holes	2
Voltage	DC 48 V	Outrigger	4 x Manual galvanised
Run time	19.2 Hrs	Warranty	2 years
SOLAR SYSTEM		CONTROL SYSTEM	
Solar Panels	4 x 455 W Monocrystalline Silicone 72 pcs	Solar controller	MPPT 60A
Voltage	DC 49 V	Efficiency	95 % +
Charging Time	8.9 Hours	Timer	Dusk and Dawn
2000			Short circuit overload
			High voltage
			High temperature
"Dai			Battery isolator
5011			Light on/off
			Mast up / down
			Rotation and tilt
MAST SYSTEM	UST 900	ACCESSORIES	
Body	Steel Q 235 galvanised	Operation manual	Parts manual
Fastner	Stainless steel 304	Controller manual	Allen wrench
Wire rope	Stainless steel 316	Certfication	ISO 9001
Diameter	8 mm		ISO 14001
Туре	Square telescopic		OHSAS 18001
Height	9 m / 30 Ft		CE
Rotation	360° electric		SAA
Tilt	90° electric	_	UL
Spring cable	Power supply	_	
Lifting method	Hydraulic	_	
Recommended loading	5 Kg ~ 100 Kg	_	
Windproof	117 Km/h		





MODEL	UST 1800	BATTERY SYSTEM	
Material	Steel Q 235	GEL	12 x 200 Ah
			DC 12 V
Weight	2500 Kg	Voltage	
Voltage	DC 48V	Series and parallel	2 in series then parallel 28 800 Wh
Temperature	-35° C / 50° C	Power capacity Maintenance free	
Dimensions LAMP SYSTEM	2800 x 2200 x 2200 mm		Deep cycle
LED LED	4 x 300 W	Standards	US / AU / EU
Protection class	IP 65	Skid	Durable
Lumens	180 000 Lm	Fixed ring	4
Beam angle	20° 40° 60° 90° 110°	Forklift holes	2
Voltage	DC 48V	Outrigger	4 x Manual galvanised
Run time	19.2 Hrs	Warranty	2 years
SOLAR SYSTEM		CONTROL SYSTEM	
Solar Panels	6 x 455 W Monocrystalline Silicone 72 pcs	Solar controller	MPPT 60A
Voltage	DC 49 V	Efficiency	95 % +
Charging Time	8.9 Hours	Timer	Dusk and Dawn
- CO 100 1 100			Short circuit overload
			High voltage
			High temperature
"[] ai			Battery isolator
			Light on/off
			Mast up / down
			Rotation and tilt
MAST SYSTEM	UST 900	ACCESSORIES	
Body	Steel Q 235 galvanised	Operation manual	Parts manual
Fastner	Stainless steel 304	Controller manual	Allen wrench
Wire rope	Stainless steel 316	Certfication	ISO 9001
Diameter	8 mm		ISO 14001
Туре	Square telescopic		OHSAS 18001
Height	9 m / 30 Ft		CE
Rotation	360° electric		SAA
Tilt	90° electric		UL
Spring cable	Power supply		
Lifting method	Hydraulic		
Recommended loading	5 Kg ~ 100 Kg		
Windproof	117 Km/h		





MODEL	UST 2400	BATTERY SYSTEM	
Material	Steel Q 235	GEL	16 x 200 Ah
Weight	2500 Kg	Voltage	DC 12 V
Voltage	DC 48V	Series and parallel	2 in series then parallel
Temperature	-35° C / 50° C	Power capacity	28 800 Wh
Dimensions	2800 x 2200 x 2200 mm	Maintenance free	Deep cycle
LAMP SYSTEM	2000 X 2200 X 2200 HIIII	BASE SYSTEM	beep eyele
LED	4 x 400 W	Standards	US / AU / EU
Protection class	IP 65	Skid	Durable
Lumens	240 000 Lm	Fixed ring	4
Beam angle	20° 40° 60° 90° 110°	Forklift holes	2
Voltage	DC 48V	Outrigger	4 x Manual galvanised
Run time	19.2 Hrs	Warranty	2 years
SOLAR SYSTEM		CONTROL SYSTEM	
Solar Panels	8 x 455 W Monocrystalline Silicone 72 pcs	Solar controller	МРРТ 60А
Voltage	DC 49 V	Efficiency	95 % +
Charging Time	8.9 Hours	Timer	Dusk and Dawn
		Detection and protection	Short circuit overload
			High voltage
			High temperature
"Dai			Battery isolator
			Light on/off
			Mast up / down
	•		Rotation and tilt
MAST SYSTEM	UST 900	ACCESSORIES	
Body	Steel Q 235 galvanised	Operation manual	Parts manual
Fastner	Stainless steel 304	Controller manual	Allen wrench
Wire rope	Stainless steel 316	Certfication	ISO 9001
Diameter	8 mm		ISO 14001
Туре	Square telescopic		OHSAS 18001
Height	9 m / 30 Ft		CE
Rotation	360° electric		SAA
Tilt	90° electric		UL
Spring cable	Power supply		
Lifting method	Hydraulic		
Recommended loading	5 Kg ~ 100 Kg		
Windproof	117 Km/h		













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