

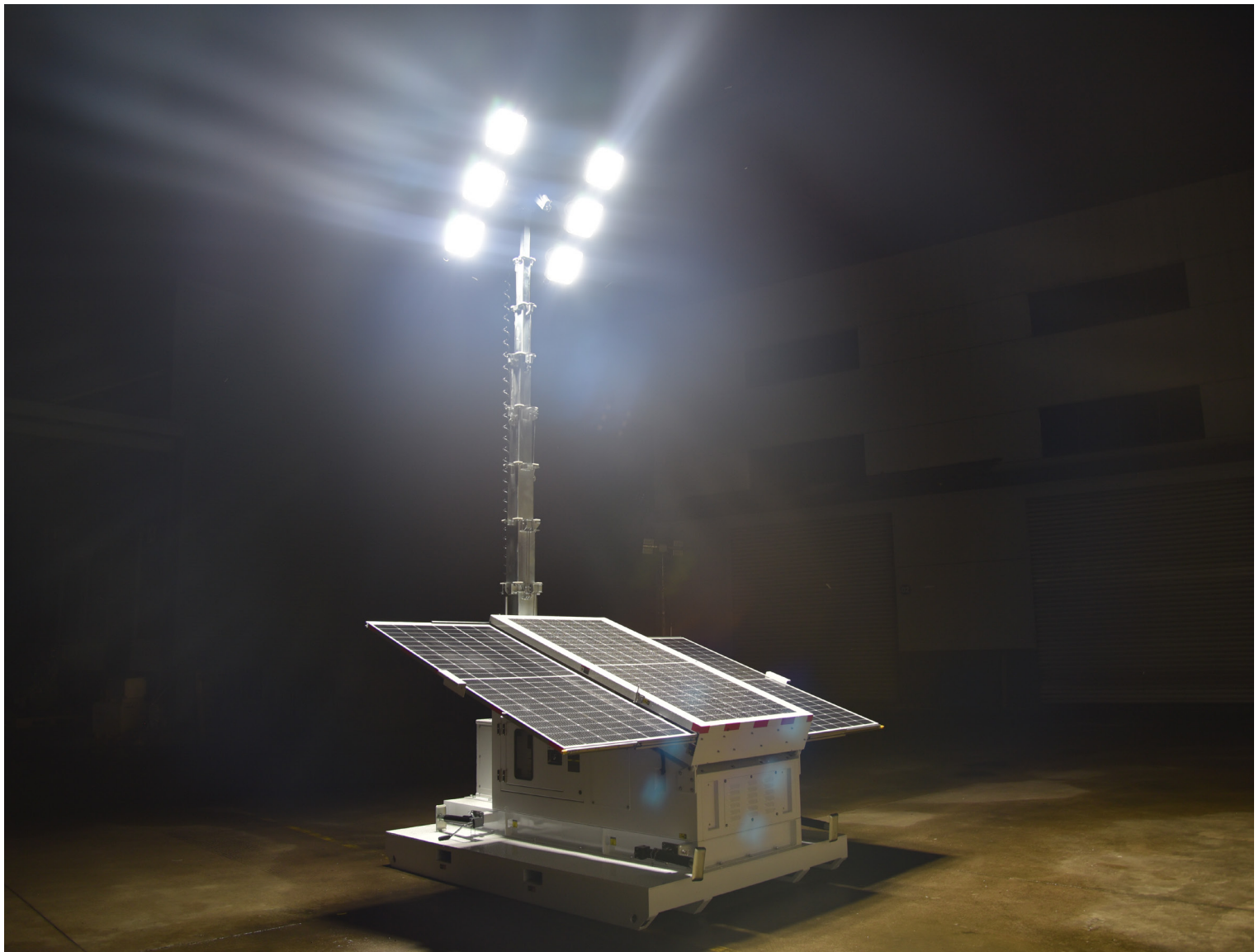
CLEAN ENERGY SOLUTIONS



# Solar Flare®

Hassle Free Mobile Light Towers

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 emissions but hassle free and easy to set up.



**LIFTEQUIPT**  
1300 4444 22



# 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 solution 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 purpose 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 configuartions to suit industry conditions the Solar Flare units are not only robust and extremely capable but they are quiet, energy efficient with zero harmful emmisions. No more diesel or the threat of an enviromental 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.

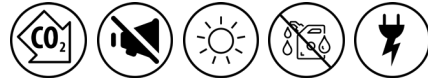
Our trailer units are nimble and easily manoueverable making them ideal for rapid deployment and setup. Our cube units have an amazing reduced footprint enabling them to be packed onto a trailer or container for maximum space saving advantages and our skids are perfect for those jobs that require a unit 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 purchased outright or hired from our team of local experts.

Brett Johnston

A handwritten signature in black ink that reads "Brett Johnston". The signature is written in a cursive, flowing style.


CEO Solar Flare




# The skid solution




Silent operation

MODEL		BATTERY SYSTEM	
Material	Steel Q 235	GEL	8 x 150 Ah
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		CONTROL SYSTEM	
Solar Panels	3 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
		Detection and protection	Short circuit overload
			High voltage
			High temperature
			Battery isolator
			Light on/off
			Mast up / down
	Rotation and tilt		
MAST SYSTEM		ACCESSORIES	
Body	Steel Q 235 galvanised	Operation manual	Parts manual
Fastner	Stainless steel 304	Controller manual	Allen wrench
Wire rope	Stainless steel 316	Certification	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		
Lifting method	Hydraulic		
Recommended loading	5 Kg ~ 100 Kg		
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
		Detection and protection	Short circuit overload
			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	Certification	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		
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
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		BASE SYSTEM	
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
		Detection and protection	Short circuit overload
			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	Certification	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		
Lifting method	Hydraulic		
Recommended loading	5 Kg ~ 100 Kg		
Windproof	117 Km/h		



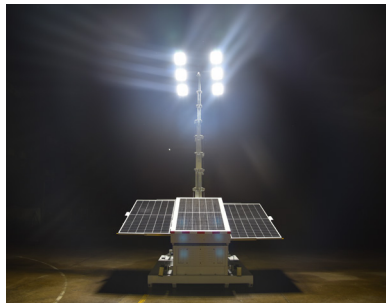
MODEL	UST 2400	BATTERY SYSTEM	
Material	Steel Q 235	GEL	16 x 200 Ah
Weight	2500 Kg	Voltage	DC 12 V
Voltage	DC 48V	Series and parallel	2 in series then parallel
Temperature	-35° C / 50° C	Power capacity	28 800 Wh
Dimensions	2800 x 2200 x 2200 mm	Maintenance free	Deep cycle
LAMP SYSTEM		BASE SYSTEM	
LED	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	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 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	Certification	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		
Lifting method	Hydraulic		
Recommended loading	5 Kg ~ 100 Kg		
Windproof	117 Km/h		







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