



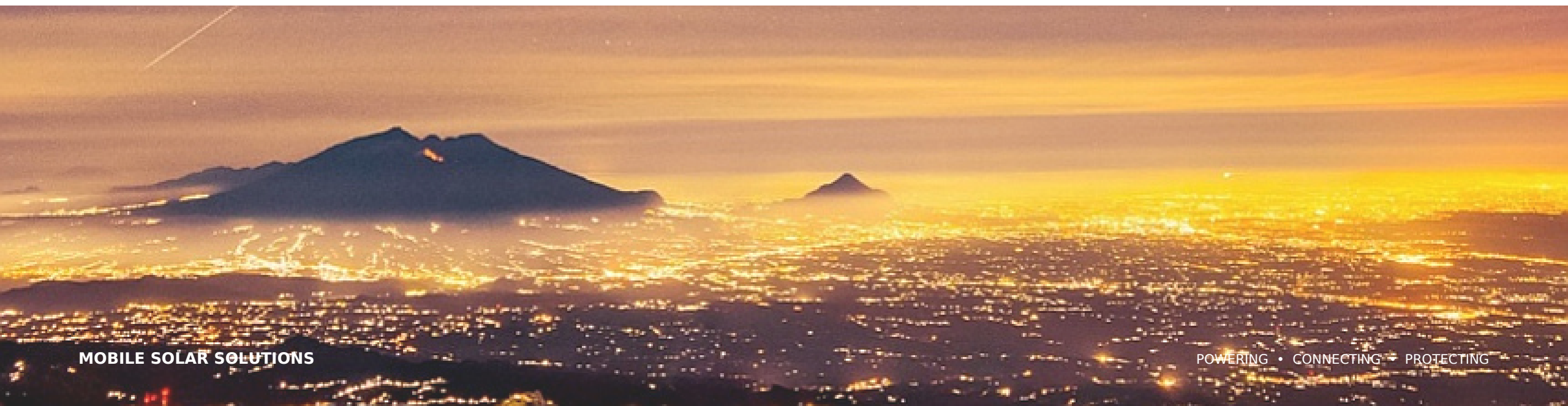
SOLAR TECH GLOBAL

POWERING • CONNECTING • PROTECTING

PRODUCT INTRODUCTION • 2026

ENERGY STORAGE SYSTEM

From Diesel to Sun / Wind



MOBILE SOLAR SOLUTIONS

POWERING • CONNECTING • PROTECTING



MOBILE SOLAR LIGHTING

Advantages

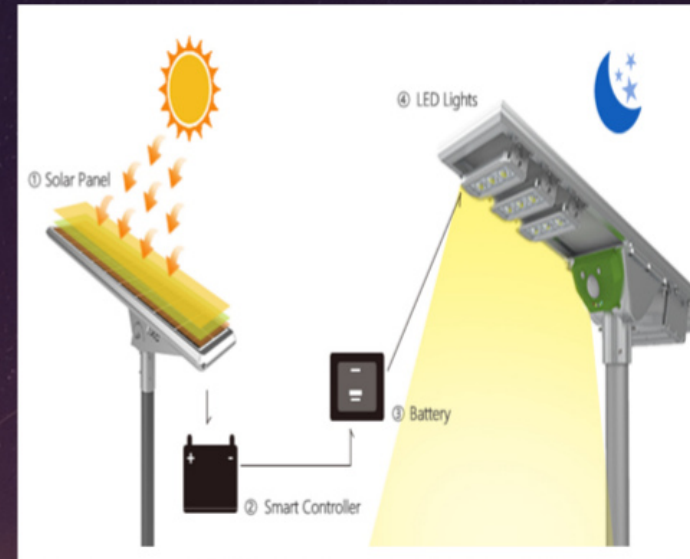
1. COST- SAVING	2. ENERGY- SAVING	3. ECO- FRIENDLY
SOLAR	VS	DIESEL
NO	MAINTANANCE	YES
NO	FUEL	YES
NO	Noise	YES
NO	Emission	YES



MOBILE SOLAR LIGHTING

Mobile Solar Light Tower

- ▶ Solar Panel **convert** sunlight **into** DC electricity
- ▶ Charger Controller **regulates** the voltage and current, **prevents** battery overcharging and prolong its lifespan.
- ▶ Battery **stores** the energy for supplying to the LED flood Light.
- ▶ You can add an inverter to **convert** **DC** output of solar panel or wind turbin **into a clean AC** current for the other AC appliance.





MOBILE SOLAR LIGHTING

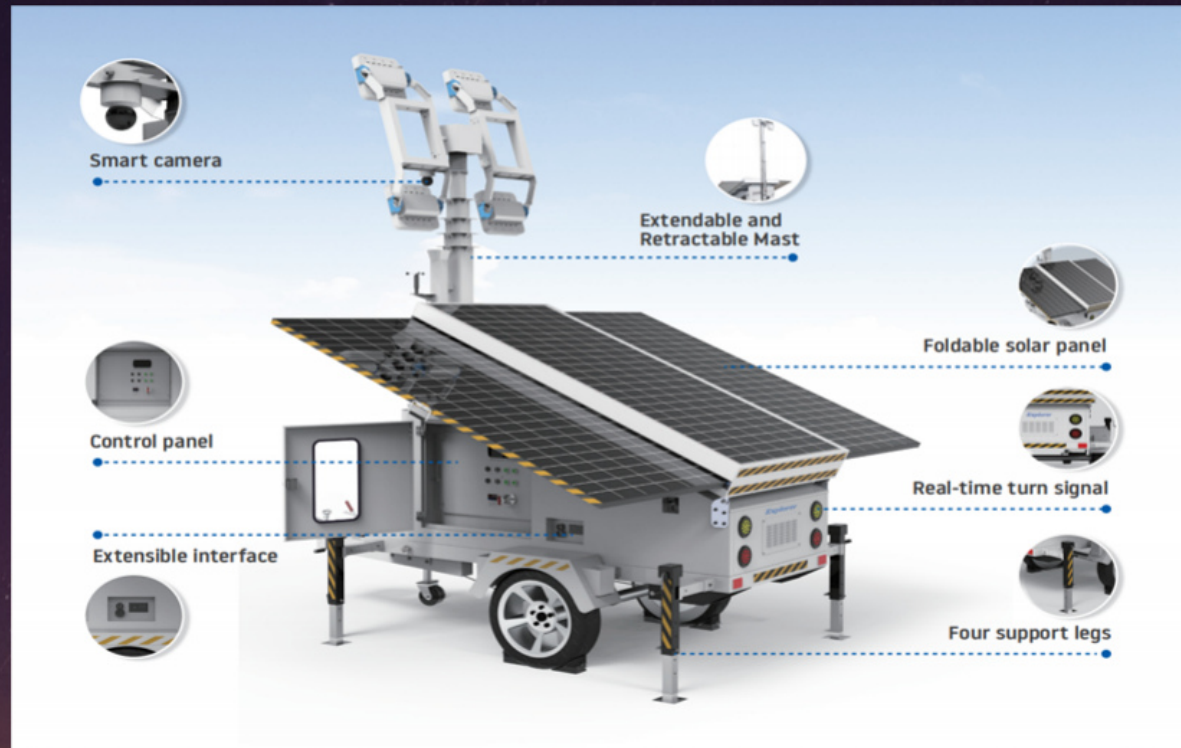
Introduction

- ▶ Mobile Solar Light Tower is designed to provide the illumination for the area, where people have light demand, but no electricity available. It can be easily moved to any place at any time.
- ▶ Mainly consists of **solar panels, batteries, MPPT** controllers, a pan system, **LED lights**, a trailer, an inverter, and electric masts etc.
- ▶ Widely used for Construction Sites, Emergency and Disaster Relief, Mining Operations, Outdoor Events, Road Work and Traffic Control, Film and Television Production, Agricultural Operations, Oil and Gas Exploration, Military and Defense.



MOBILE SOLAR LIGHTING

Structure





MOBILE SOLAR LIGHTING

Structure



TOWING THE TRAILER TO THE JOB SITE



REAL-TIME MONITORING



SOLAR TECH GLOBAL

POWERING • CONNECTING • PROTECTING

MOBILE SOLAR LIGHTING

Explore T600 Series





MOBILE SOLAR LIGHTING

Explore T600-7M Datasheet

PRODUCT VIEW



TECHNICAL DATA

Luminaire Efficiency : 235LM/W
Illuminated Area@7m : **2800 - 3200m²**
Charging Time: 6.9 Hours
Working Time: More than 24Hours

System Voltage	DC24V
Lighting	4x100W, 360° Rotatable
Solar Panel	3x480W 1440W,monocrystalline silicon, 24% efficiency
110-240V charging	Input: DC29.2V 20A
Battery (LFP Batter)	2x200AH ,DC25.6V 10240w.h
Inverter output	3000W 220V 50HZ Pure Sine Wave
Mast	2.2-7m , Electric ,5 sections, load capacity 45KG
Trailer	Speed of 80km/h



MOBILE SOLAR LIGHTING

Explore T600-9M Datasheet

PRODUCT VIEW



TECHNICAL DATA

Luminaire Efficiency : 235LM/W Illuminated Area@9m : 4000 - 4500m² Charging Time: 7.8 Hours Working Time: More than 25Hours	
System Voltage	DC24V
Lighting	4x150W, 360° Rotatable
Solar Panel	4x480W 1920W,monocrystalline silicon, 24% efficiency
0-240V charging	Input: DC29.2V 40A
Battery (LFP Batter)	2x300AH ,DC25.6V 15360w.h
Inverter output	3000W 220V 50HZ Pure Sine Wave
Max Height	2.3-9M, Electric , 7 sections, load capacity 45KG
..	Speed of 80km/h



MOBILE SOLAR LIGHTING

Explore T600-12M Datasheet

PRODUCT VIEW



TECHNICAL DATA

Luminaire Efficiency : 235LM/W Illuminated Area@12m : 2500 - 2800m² Charging Time: 8Hours Working Time: More than 19Hours	
System Voltage	DC48V
Lighting	6x200W, 360° Rotatable
Solar Panel	6x480W 2880W,monocrystalline silicon, 24% efficiency
220-240V charging	Input: DC58.4V 40A
Battery (LFP Batter)	3x200AH,DC25.6V 23040w.h
Inverter output	3000W 220V 50HZ Pure Sine Wave
Max Height	2.5-12M, Electric / Manual
Max Speed	Speed of 80km/h



MOBILE SOLAR LIGHTING

Explore Hybrid Series





MOBILE SOLAR LIGHTING

Explore T668-7M Hybrid (Solar PV + Diesel Generator)

PRODUCT VIEW



TECHNICAL DATA

Luminaire Efficiency : 235LM/W
Illuminated Area@7m : 2800 - 3200m²
Charging Time: 6.9 Hours
Working Time: More than 24Hours

System Voltage	DC24V
Lighting	4x100W, 360° Rotatable
Solar Panel	3x480W 1440W, monocrystalline silicon, 24% efficiency
Diesel generator	Brand: Changchai, single-cylinder, four-stroke, fuel tank capacity: 13.5L (continuous operation of 30 hours)
Battery (LFP Batter)	2x200AH, DC25.6V 10240w.h
Inverter output	3000W 220V 50HZ Pure Sine Wave
Mast	2.2-7m, Electric 7 sections, load capacity 45KG
	Speed of 80km/h



MOBILE SOLAR LIGHTING

Explore T608-9M Hybrid (Solar PV + Diesel Generator)

PRODUCT VIEW



TECHNICAL DATA

Illuminaire Efficiency : 235LM/W Illuminated Area@9m : 4000 - 4500m² Charging Time: 7.8 Hours Working Time: More than 25Hours	
System Voltage	DC24V
Lighting	4x150W, 360° Rotatable
Solar Panel	4x480W 1920W, monocrystalline silicon, 24% efficiency
Diesel generator	Brand: Changchai, single cylinder, four-stroke, fuel tank capacity: 13.5L (continuous operation up to 30 hours)
Battery (LFP Batter)	2x300AH, DC25.6V 15360w.h
Inverter output	3000W 220V 50HZ Pure Sine Wave
Max Height	2.3-9M, Electric , 7 sections, load capacity 45KG
	Speed of 80km/h



MOBILE SOLAR LIGHTING

Explore T688-7M Hybrid (Solar PV + Diesel Generator)

PRODUCT VIEW



TECHNICAL DATA

Luminaire Efficiency : 235LM/W Illuminated Area@7m : 2800 - 3200m² Charging Time: 6.9 Hours Working Time: More than 24Hours	
System Voltage	DC24V
Lighting	4x100W, 360° Rotatable
Solar Panel	3x480W 1440W,monocrystalline silicon, 24% efficiency
Diesel generator	Brand: Changchai, single cylinder, four-stroke, fuel tank capacity: 13.5L (continuous operation up to 30 hours)
Battery (LFP Batter)	2x200AH,DC25.6V 10240w.h
Inverter output	3000W 220V 50HZ Pure Sine Wave
Height	2.2-7m, Electric 5 sections, load capacity 45KG
	Speed of 80km/h



MOBILE SOLAR LIGHTING

Explore T660 Series





MOBILE SOLAR LIGHTING

Explore T660-7M Datasheet

PRODUCT VIEW



TECHNICAL DATA

Luminaire Efficiency : 235LM/W Illuminated Area@7m : 2800 - 3200m² Charging Time: 6.9 Hours Working Time: More than 24Hours	
System Voltage	DC24V
Lighting	4x100W, 360° Rotatable
Solar Panel	3x480W 1440W,monocrystalline silicon, 24% efficiency
110-240V charging	Input: DC29.2V 20A
Battery (LFP Batter)	2x200AH,DC25.6V 10240w.h
Inverter output	3000W 220V 50HZ Pure Sine Wave
Mast	2.2-7m, Electric ,5 sections, load capacity 45KG
	Speed of 80km/h



MOBILE SOLAR LIGHTING

Explore T660-9M Datasheet

PRODUCT VIEW



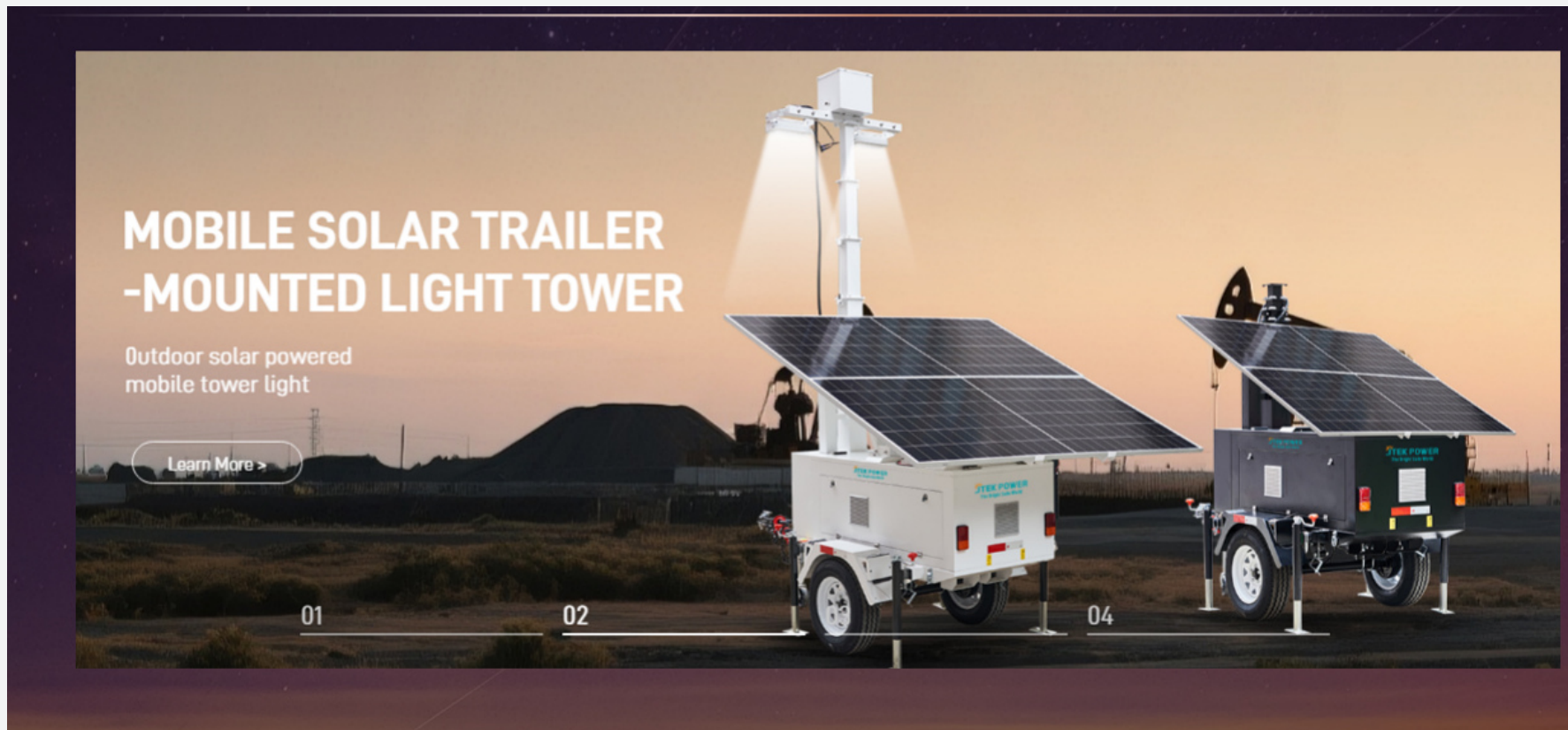
TECHNICAL DATA

Luminaire Efficiency : 235LM/W Irradiated Area@9m : 4000 - 4500m² Working Time: 7.8 Hours Storage Time: More than 25Hours	
System Voltage	DC24V
Lighting	4x150W, 360° Rotatable
Solar Panel	4x480W 1920W,monocrystalline silicon, 24% efficiency
240V charging	Input: DC29.2V 40A
Battery (LFP Batter)	2x300AH,DC25.6V 15360w.h
Power output	3000W 220V 50HZ Pure Sine Wave
Height	2.3-9M, Electric , 7 sections, load capacity 45KG
	Speed of 80km/h



MOBILE SOLAR LIGHTING

Explore T680 Series





MOBILE SOLAR LIGHTING

Explore T680-7M-B1 Datasheet

PRODUCT VIEW



TECHNICAL DATA

Luminaire Efficiency : 235LM/W
Illuminated Area@7m : 2800 - 3200m²
Charging Time: 10 Hours
Working Time: More than 24Hours

System Voltage	DC24V
Lighting	4x100W, 360° Rotatable
Solar Panel	2x480W 960W,monocrystalline silicon, 24% efficiency
110-240V charging	Input: DC29.2V 20A
Battery (LFP Batter)	2x200AH,DC25.6V 10240w.h
Inverter output	1000W 220V 50HZ Pure Sine Wave
Mast	2.2-7m, Electric ,5 sections, load capacity 45KG
	Speed of 80km/h



MOBILE SOLAR LIGHTING

Explore T680-7M-B2 Datasheet

PRODUCT VIEW



TECHNICAL DATA

Luminaire Efficiency : 235LM/W Illuminated Area@7m : 2800 - 3200m² Charging Time: 6.9 Hours Working Time: More than 24Hours	
System Voltage	DC24V
Lighting	4x100W, 360° Rotatable
Solar Panel	3x480W 1440W,monocrystalline silicon, 24% efficiency
110-240V charging	Input: DC29.2V 20A
Battery (LFP Batter)	2x200AH,DC25.6V 10240w.h
Inverter output	1000W 220V 50HZ Pure Sine Wave
Mast	2.2-7m, Electric ,5 sections, load capacity 45KG
Trailer	Speed of 80km/h
	US / EU / AU standard



MOBILE SOLAR LIGHTING

Explore T680-9M-B2 Datasheet

PRODUCT VIEW



TECHNICAL DATA

Luminaire Efficiency : 235LM/W
Illuminated Area@9m : **4000 - 4500m²**
Charging Time: 7.8 Hours
Working Time: More than 25Hours

System Voltage	DC24V
Lighting	4x150W, 360° Rotatable
Solar Panel	4x480W 1920W, monocrystalline silicon, 24% efficiency
10-240V charging	Input: DC29.2V 40A
Battery (LFP Batter)	2x300AH , DC25.6V 15360w.h
Inverter output	3000W 220V 50HZ Pure Sine Wave
Max Height	2.3-9M, Electric , 7 sections, load capacity 45KG
Trailer	Speed of 80km/h US / EU / AU standard



MOBILE SOLAR LIGHTING

T100-7M Datasheet

PRODUCT VIEW



TECHNICAL DATA

Illuminated Area@7m : 2800 - 3200m ² Voltage Wave Type : Sine Wave Charging Time: 5 Hours Working Time : More than 50hours Output Voltage : AC110V/AC220V/380V Output Power : 15000W	
System Voltage	DC24V
Lighting	4x100W, 360° Rotatable
Solar Panel	3x480W,monocrystalline silicon, 24% efficiency
Battery (LFP Batter)	2x200AH,DC25.6V 10240w.h
Mast	2.2-7m, Electric / Manual
Trailer	Speed of 80km/h
	US / EU / AU standard
System Voltage	DC24V

Specifications are reproduced from the supplied product introduction.





MOBILE SOLAR LIGHTING

Explore T5 Series





MOBILE SOLAR LIGHTING

Square T500-7M Datasheet

PRODUCT VIEW



TECHNICAL DATA

Luminaire Efficiency : 235LM/W Illuminated Area @7M : 800 - 1000m ² Charging Time: 8.3 Hours Working Time: More than 35Hours	
System Voltage	DC24V
Lighting	4x50W, 360° Rotatable
Solar Panel	4x230W 920W, monocrystalline silicon, 21.7% efficiency
AC-240V charging	Input: DC29.2V 20A
Battery (LFP Batter)	1x300AH, DC25.6V, 7680w.h
Max Height	2.2-7m, Electric, 5 sections, load capacity 45KG
Lifting Method	By Forklift or Crane



MOBILE SOLAR LIGHTING

Square T500-9M Datasheet

PRODUCT VIEW



TECHNICAL DATA

Luminaire Efficiency : 235LM/W
Illuminated Area @9M: 2800 - 3200m²
Charging Time: 10 Hours
Working Time: More than 24Hours

System Voltage	DC24V
Lighting	4x100W, 360° Rotatable
Solar Panel	4x230W 920W,monocrystalline silicon, 21.7% efficiency
10-240V charging	Input: DC29.2V 20A
Battery (LFP Batter)	2x200AH,DC25.6V 10240w.h
Mast Height	2.3-9M, Electric , 7 sections, load capacity 45KG
Moving Method	By Forklift or Crane



MOBILE SOLAR LIGHTING

Square T580-7M Datasheet

PRODUCT VIEW



TECHNICAL DATA

Luminaire Efficiency : 235LM/W Illuminated Area@7m : 2800 - 3200m² Charging Time: 5 Hours Working Time: More than 25Hours	
System Voltage	DC24V
Lighting	4x100W, 360° Rotatable
Solar Panel	4x480W 1920W,monocrystalline silicon, 24% efficiency
AC-240V charging	Input: DC29.2V 20A
Battery (LFP Batter)	2x200AH,DC25.6V 10240w.h
Height	2.2-7m, Electric , 5 sections, load capacity 45KG
Lifting Method	By Forklift or Crane



MOBILE SOLAR LIGHTING

Square T580-9M Datasheet

PRODUCT VIEW



TECHNICAL DATA

Luminaire Efficiency : 235LM/W Illuminated Area@9m : 4000 - 4500m² Charging Time: 10 Hours Working Time: More than 24Hours	
System Voltage	DC24V
Lighting	4x150W, 360° Rotatable
Solar Panel	4x480W 1920W,monocrystalline silicon, 24% efficiency
AC-240V charging	Input: DC29.2V 20A
Battery (LFP Batter)	2x300AH,DC25.6V 15360w.h
Max Height	2.3-9M, Electric ,7 sections, load capacity 45KG
Lifting Method	By Forklift or Crane



MOBILE SOLAR LIGHTING

Cabinet T300-6M Datasheet

PRODUCT VIEW



TECHNICAL DATA

Luminaire Efficiency : 235LM/W
Illuminated Area @7M: 800 - 1200m²
Charging Time: 7.8 Hours
Working Time: More than 35Hours

System Voltage	DC24V
Lighting	4x50W, 360° Rotatable
Charger	Input AC220V Output DC29.4V 40A
Lithium Battery	1x200AH,DC25.6V,5120W.h
Mast Height	2.5-7m, Electric, 5 sections, load capacity 45KG
Moving Method	Pushing by Hands or Forklift



MOBILE SOLAR LIGHTING

Cabinet T300-9M Datasheet

PRODUCT VIEW



TECHNICAL DATA

Luminaire Efficiency : 235LM/W Illuminated Area @9M: 4000 - 4500m² Charging Time: 8 Hours Working Time: More than 24Hours	
System Voltage	DC24V
Lighting	4x150W, 360° Rotatable
Charger	Input AC220V Output DC29.4V 40A
Lithium Battery	2x300AH,DC25.6V,15360W.h
Max Height	2.5-9m, Electric/ Manual
Moving Method	Pushing by Hands or Forklift

MOBILE SOLAR LIGHTING

Stand T200-4M Datasheet

PRODUCT VIEW



TECHNICAL DATA

Luminaire Efficiency : 235LM/W
Illuminated Area @4M : 400 - 600m²
Charging Time: 7.8 Hours
Working Time: More than 35Hours

System Voltage	DC24V
Lighting	2x50W, 360° Rotatable
Solar Panel	1x480W,monocrystalline silicon, 24% efficiency
Battery(Lithium)	1x100AH,DC25.6V,2560W.h
Mast Height	1.5-4.2m, Electric/ Manual
Moving Method	By Forklift



MOBILE SOLAR LIGHTING

Tank T800-9M Datasheet

PRODUCT VIEW



TECHNICAL DATA

Luminaire Efficiency : 235LM/W
Illuminated Area @9M: **4000 - 4500m²**
Charging Time: 6 Hours
Working Time: **More than 80Hours**

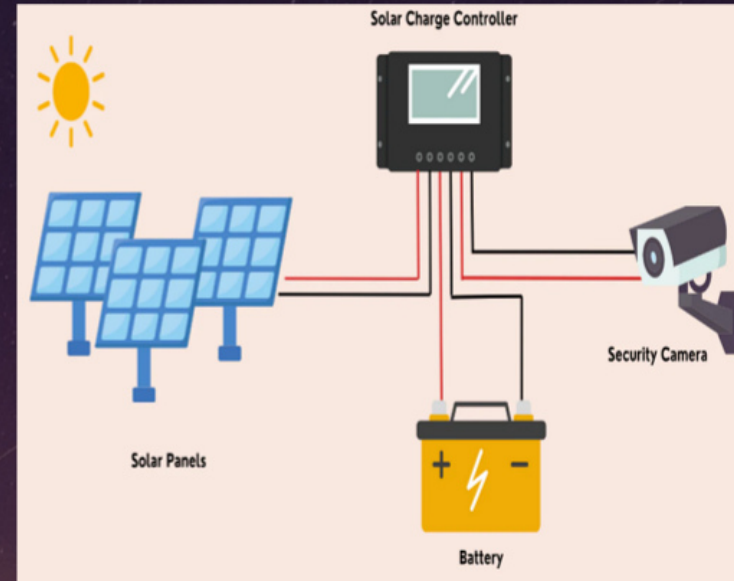
System Voltage	DC48V
Lighting	4x150W, 360° Rotatable
Solar Panel	9x480W , monocrystalline silicon, 24% efficiency
Battery (LFP Batter)	6x200AH , DC51.2V, 61440W.h
Mast Height	2.5-9m, Electric/ Manual
Trailer	Speed of 40km/h, US / EU / AU standard



MOBILE SOLAR CCTV

Mobile Solar CCTV

- ▶ Solar Panel **convert** sunlight **into** DC electricity
- ▶ Charger Controller **regulates** the voltage and current, **prevents** battery overcharging and prolong its lifespan.
- ▶ Battery **stores** the energy for supplying to the CCTV camera.
- ▶ You can add an inverter to **convert** DC output of solar panel or wind turbine **into a clean AC** current for the other AC appliance.





MOBILE SOLAR CCTV

Introduction

- ▶ Designed to harness the power of the sun for uninterruptedly monitoring off-grid and remote areas, and easily moved to any place at any time.
- ▶ The main function is to **collect information and provide on-site real-time image transmission and image capture**. Real-time monitoring of faces, cars, open flames can be carried out. The real-time video data or image capture data can be viewed after the data is transmitted to the platform.
- ▶ **Who Benefits From this Solution?** Government and business customers in different segments with different sites, especially in the oil & gas field, construction sites, special events, defense and military sites, roads and rural areas.



MOBILE SOLAR CCTV

C600-7M/9M Datasheet

PRODUCT VIEW



TECHNICAL DATA

Monitoring configuration: 1 pcs PTZ camera, 3 pcs bullet cameras, NVR, PoE, router, 8TB hard drive, speaker, warning light.	
Camera resolution: 5 megapixels	
Brand: Hikvision (brand optional)	
Solar charging time: 7 hours	
Working Time: More than 120Hours for 80W monitoring system	
Configuration	DC 24V
Mains charging	Input: 100-240V Output: 29.2V 40A
Solar Panel	3x480W 1440W,monocrystalline silicon, 24% efficiency
Battery (LFP Batter)	2x200AH,DC25.6V, 10240W.h
Inverter output	Input: 110V/220V 1000W
Mast	2.2-7m/9m, Electric / Manual
Speed	Speed of 80km/h



MOBILE SOLAR CCTV

C660-7M/9M Datasheet

PRODUCT VIEW



TECHNICAL DATA

Monitoring configuration: 1 pcs PTZ camera, 3 pcs bullet cameras, NVR, PoE, router, 8TB hard drive, speaker, warning light.
Camera resolution: 5 megapixels
Brand: Hikvision (brand optional)
Solar charging time: 7 hours
Working Time: More than 120Hours for 80W monitoring System

Configuration	DC 24V
Mains charging	Input: 100-240V Output: 29.2V 40A
Solar Panel	3x480W 1440W,monocrystalline silicon, 24% efficiency
Battery (LFP Batter)	2x200AH,DC25.6V, 10240W.h
Inverter output	Input: 110V/220V 1000W
Mast	2.2-7m/9m, Electric / Manual
Trailer	Speed of 80km/h

MOBILE SOLAR CCTV

C680-B1 (7M/9M) Datasheet

PRODUCT VIEW



TECHNICAL DATA

Monitoring configuration: 1 pcs PTZ camera, 3 pcs bullet cameras, NVR, PoE, router, 8TB hard drive, speaker, warning light.
Camera resolution: 5 megapixels
Brand: Hikvision (brand optional)
Solar charging time: 10 hours
Working Time: More than 120Hours for 80W monitoring system

Configuration	DC 24V
Mains charging	Input: 100-240V Output: 29.2V 20A
Solar Panel	2x480W 960W, monocrystalline silicon, 24% efficiency
Battery (LFP Batter)	2x200AH, DC25.6V, 10240W.h
Inverter output	Input: 110V/220V 1000W
Mast	2.2-7m/9m, Electric / Manual
Trailer	Speed of 80km/h



MOBILE SOLAR CCTV

C680-B2 (7M/9M) Datasheet

PRODUCT VIEW



TECHNICAL DATA

Monitoring configuration: 1 pcs PTZ camera, 3 pcs bullet cameras, NVR, PoE, router, 8TB hard drive, speaker, warning light.	
Camera resolution: 5 megapixels	
Brand: Hikvision (brand optional)	
Solar charging time: 7 hours	
Working Time: More than 120Hours for 80W monitoring system	
Configuration	DC 24V
Mains charging	Input: 100-240V Output: 29.2V 40A
Solar Panel	3x480W 1440W, monocrystalline silicon, 24% efficiency
Battery (LFP Batter)	2x200AH, DC25.6V, 10240W.h
Inverter output	Input: 110V/220V 1000W
Mast	2.2-7m/9m, Electric / Manual
Trailer	Speed of 80km/h



MOBILE SOLAR CCTV

C500-7M/9M Datasheet

PRODUCT VIEW



TECHNICAL DATA

Working configuration: 1 pcs PTZ camera, 3 pcs bullet cameras, PoE, router, 8TB hard drive, speaker, warning light.	
Camera resolution: 5 megapixels	
Camera brand: Hikvision (brand optional)	
Charging time: 7 hours	
Working Time: More than 120Hours for 80W monitoring system	
Configuration	DC 24V
Charging	Input: 100-240V Output: 29.2V 20A
Panel	4x230W 920W, monocrystalline silicon, 21.7% efficiency
Battery (LFP Batter)	1x300AH, DC25.6V, 7680w.h
Power output	Input: 110V/220V 1000W
	2.5-7m, Manual 五节, 承重65KG
Lifting Method	By Forklift or Crane



MOBILE SOLAR CCTV

C580-7M/9M Datasheet

PRODUCT VIEW



TECHNICAL DATA

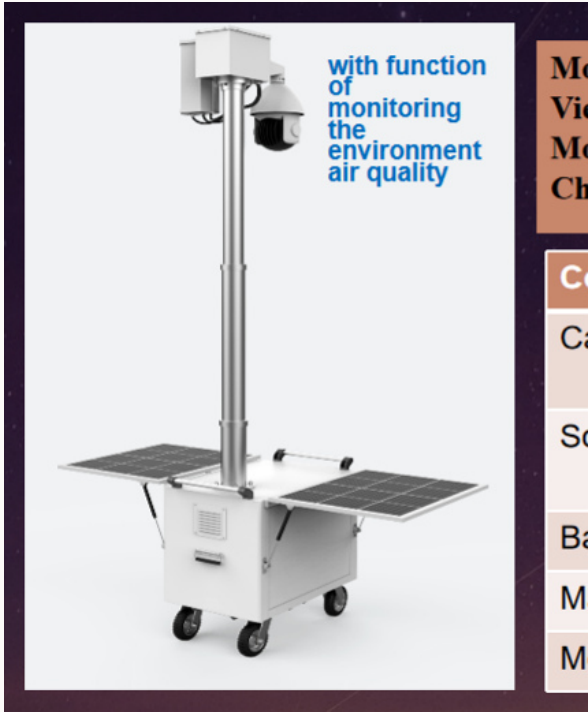
Working configuration: 1 pcs PTZ camera, 3 pcs bullet cameras, PoE, router, 8TB hard drive, speaker, warning light.	
Camera resolution: 5 megapixels	
Camera brand: Hikvision (brand optional)	
Working time: 7 hours	
Working Time: More than 120Hours for 80W monitoring system	
Configuration	DC24V
charging	Input: 100-240V Output: 29.2V 20A
Panel	4x480W 1920W,monocrystalline silicon, 24% efficiency
Capacity (LFP Batter)	2x300AH,DC25.6V 15360w.h
Power output	Input: 110V/220V 1000W
Height	2.3-9M, Electric / Manual
Lifting Method	By Forklift or Crane



MOBILE SOLAR CCTV

C300-3M Datasheet

PRODUCT VIEW



TECHNICAL DATA

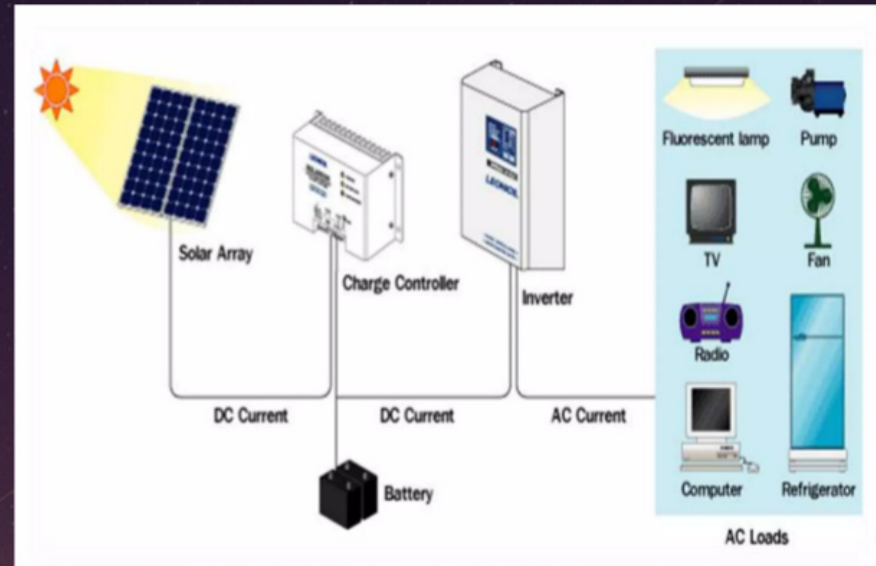
Monitoring Pixels : 5MP Viewing Angle : 5° - 110° Monitoring Distance : 150-200m @3m Height Working Time: 8 Hours	
Configuration	
Camera Qty	1pcs Dome Camera + 1pcs Audio
Solar Panel	2x60W, monocrystalline silicon, 21.7% efficiency
Battery	1x60AH, DC12V, Lead-acid
Height	1.8-3M, Manual
Moving Method	4 Wheels with brake



MOBILE SOLAR POWER

Mobile Solar Generator

- ▶ Solar Panel **convert** sunlight **into** DC electricity
- ▶ Charger Controller **regulates** the voltage and current, **prevents** battery overcharging and prolong its lifespan.
- ▶ Battery **stores** the energy for supplying to the appliance.
- ▶ Inverter **convert** DC output of solar panel or wind turbine **into a clean AC** current for AC appliance.





MOBILE SOLAR POWER

Introduction

- ▶ Designed to harness the sun power to provide off-grid energy solutions with the functions of charging, storage and power supply, so it is regarded as a large mobile outdoor POWERBANK, solving the demand for electricity in extreme environments without power grids.
- ▶ Mainly consists of **solar panels, batteries, charge controllers, inverter and a trailer** beyond. BMS battery management and protection system, focused MPPT photovoltaic controller, equipped with intelligent temperature-controlled fans to monitor the equipment operation in real time and achieve multiple intelligent protections.
- ▶ Widely used for Construction Sites, Mining Operations, Outdoor Events, Oil and Gas Exploration, Military and Defense.

MOBILE SOLAR POWER

S500-5 Datasheet

PRODUCT VIEW



TECHNICAL DATA

Output Capacity : 5KW.h

Voltage Wave Type : Sine Wave

Charging Time : 4Hours

Output Voltage : AC110V/AC220V

Output Power : 2000W

Configuration	DC 24V
Outlet Socket	2*10A + AC Plug
Solar Panel	4x230W 920W,monocrystalline silicon, 21.7% efficiency
Mains charging	Input: 100-240V Output: 29.2V 20A
Battery (LFP Batter)	1x200AH,DC25.6V,5120w.h
Moving Method	By 4 wheels with Brake

MOBILE SOLAR POWER

S500-10 Datasheet

PRODUCT VIEW



TECHNICAL DATA

Output Capacity : 10KW.h

Voltage Wave Type : Sine Wave

Charging Time : 8 Hours

Output Voltage : AC110V/AC220V

Output Power : 3000W

Configuration	DC24V
Outlet Socket	2*10A + AC plug
Solar Panel	4x230W 920W,monocrystalline silicon, 21.7% efficiency
Mains charging	Input: 100-240V Output: 29.2V 20A
Battery (LFP Batter)	2x200AH,DC25.6V,10240w.h
Moving Method	By 4 wheels with Brake



MOBILE SOLAR POWER

S600-20 Datasheet

PRODUCT VIEW



TECHNICAL DATA

Output Capacity : 20KW.h	
Voltage Wave Type : Sine Wave	
Charging Time : 10 Hours	
Output Voltage : AC110V/AC220V	
Output Power : 3000W	
Outlet Sockets	2*10A + AC plug
Solar Panel	4x480W 1920W,monocrystalline silicon, 24% efficiency
Batteries charging	Input: 100-240V Output: 29.2V 40A
Battery (LFP Batter)	3x300AH,DC25.6V,23040w.h
Trailer (Single Axle)	Speed of 80km/h
	US / EU / AU standard

MOBILE SOLAR POWER

S600-30 Datasheet

PRODUCT VIEW



TECHNICAL DATA

Output Capacity : 30KW.h

Voltage Wave Type : Sine Wave

Charging Time: 10 Hours

Output Voltage : AC110V/AC220V

Output Power : 5000W

Configuration	DC24V
Mains charging	Input: 100-240V Output: 29.2V 40A
Solar Panel	6x480W , monocrystalline silicon, 24% efficiency
Battery (LFP Batter)	4x300AH, DC25.6V, 30720w.h
Trailer (Single Axle)	Speed of 80km/h US / EU / AU standard

MOBILE SOLAR POWER

S600-50 Datasheet

PRODUCT VIEW



TECHNICAL DATA

Output Capacity : 50KW.h

Voltage Wave Type : Sine Wave

Charging Time: 13 Hours

Output Voltage : AC110V/AC220V/**380V**

Output Power : 15000W

Configuration	48V
Mains charging	Input: 100-240V Output: 58.4V 40A
Solar Panel	8x480W 3840W , monocrystalline silicon, 24% efficiency
Battery (LFP Batter)	5x200AH, DC51.2V, 51200w.h
Trailer (Single Axle)	Speed of 80km/h
	US / EU / AU standard



MOBILE SOLAR POWER

S100-60 Datasheet

PRODUCT VIEW



TECHNICAL DATA

Output Capacity : 60KW.h

Voltage Wave Type : Sine Wave

Charging Time : 7.8 Hours

Output Voltage : AC110V/AC220V/**380V**

Output Power : 15000W

Configuration DC48V

Mains charging	Input: 100-240V Output: 58.4V 40A
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Solar Panel	16x480W 7680W , monocrystalline silicon, 24% efficiency
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lithium battery	6x200AH, DC51.2V, 61440w.h
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Trailer (Single Axle)	Speed of 40km/h
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	US / EU / AU standard
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MOBILE SOLAR POWER

S100-120 Datasheet

PRODUCT VIEW



TECHNICAL DATA

Output Capacity : **120KW.h**
Voltage Wave Type : Sine Wave
Charging Time : **5 Hours**
Output Voltage : AC110V/AC220V/**380V**
Output Power : 25000W

Configuration DC48V

Mains charging	Input: 100-240V Output: 58.4V 40A
Solar Panel	16x480W ,monocrystalline silicon, 24% efficiency
Diesel Generator Set	Cummins 20kW, Sound-proof
Lithium battery	12x200AH,DC51.2V,122880w.h
Trailer (Single Axle)	Speed of 40km/h US / EU / AU standard



MOBILE SOLAR POWER

S800-60 Datasheet

PRODUCT VIEW



TECHNICAL DATA

Output Capacity : 60KW.h

Voltage Wave Type : Sine Wave

Charging Time: 8 Hours

Output Voltage : AC110V/AC220V/**380V**

Output Power : 15000W

Configuration	DC48V
Outlet Socket	2*16A + AC Plugs
Solar Panel	18x740W ,monocrystalline silicon, 24% efficiency
lithium battery	6x200AH,DC51.2V,61440w.h
Trailer (Single Axle)	Speed of 40km/h
	US / EU / AU standard

MOBILE SOLAR POWER

S800W-70 Datasheet

PRODUCT VIEW



TECHNICAL DATA

Output Capacity : 70KW.h
Voltage Wave Type : Sine Wave
Charging Time: **4 Hours**
Output Voltage : AC110V/AC220V/380V
Output Power : 15000W

Configuration DC48V

Output Socket	2*16A + AC Plugs
Solar Panel	18x740W,monocrystalline silicon, 24% efficiency
Wind Power	300W, Vertical, three leaves, 1.8m/s.
lithium battery	7x200AH,DC51.2V,71680w.h
Trailer (Single Axle)	Speed of 40km/h
	US / EU / AU standard



MOBILE SOLAR POWER

S800-120 Datasheet

PRODUCT VIEW



(Sun + Diesel)

TECHNICAL DATA

Output Capacity : **120KW.h**
Voltage Wave Type : Sine Wave
Charging Time : **5 Hours**
Output Voltage : AC110V/AC220V/**380V**
Output Power : 15000W

Configuration DC48V

Outlet Socket	2*16A + AC Plugs
Solar Panel	18x740W , monocrystalline silicon, 24% efficiency
Diesel Generator Set	Cummins 20kW, Sound-proof
Battery (Lithium)	12x200AH, DC51.2V
Trailer (Single Axle)	Speed of 40km/h
	US / EU / AU standard



HYBRID SOLAR TRAILERS

Hybrid Solar Trailers

Hybrid Solar Trailers

- ▶ Energy from **Sun + Wind / Sun + Diesel**
 - ▶ **Three Functions** Together
- (Illuminating + Monitoring + Energy-storing)

HYBRID SOLAR TRAILERS

TCS800W-9M Datasheet

PRODUCT VIEW



TECHNICAL DATA

Illuminated Area@7m : **1800 - 2100m²**
Monitoring Pixels and Distance: **5MP/200M**
Output Capacity : 70KW.H
Voltage Wave Type : Sine Wave
Charging Time: **6 Hours**
Output Voltage : AC110V/AC220V/**380V**
Output Power : 15000W

System Voltage	DC48V
Lighting	4x50W, 360° Rotatable
Solar Panel	9x740W, monocrystalline silicon, 21.7% efficiency
Wind Power	300W, Vertical, three leaves, 1.8m/s.
Battery(Lead-acid)	20x250AH, DC12V, 7200Wh
Mast Height	2.5-9m, Electric / Manual
Trailer (Single Axle)	Speed of 40km/h



HYBRID SOLAR TRAILERS

TSC800D-6M Datasheet

PRODUCT VIEW



TECHNICAL DATA

Irradiated Area@6m : 4000 - 4500m ²	
Charging Time: 6 Hours	
Working Time: More than 80hours for 4pcs x 150W LED flood lights + 24hour for 6pcs x 1.5P air conditioner	
Output Voltage : AC110V/AC220V/ 380V	
Output Power : 15000W	
Configuration	DC48V
Outlet Socket	2*16A + AC Plugs
Solar Panel	18x740W ,monocrystalline silicon, 24% efficiency
Diesel Generator Set	Cummins 20kW, Sound-proof
Battery (Lithium)	12x200AH,DC51.2V
Trailer (Single Axle)	Speed of 40km/h
	US / EU / AU standard



SOLAR LED DISPLAY

F400 Solar LED Display

PRODUCT VIEW



TECHNICAL DATA

Viewing distance: 3—100m Rotation of LED display : 360° Charging time : 9 hours Working time: 45hours LED display control: 4G、WiFi、U flash drive Pixel pitch : P3.8 IP rating : IP65	
Configuration	DC24V
Controller	MPPT 60A,95%
Solar Panel	2x400W,monocrystalline silicon, 24% efficiency
Lithium Battery	1*300AH 25.6V 7680W.h
Lift	Hydraulic 4m
Trailer (Single Axle)	Speed of 60km/h
	US / EU / AU standard

SOLAR LED DISPLAY

F600 Solar LED Display

PRODUCT VIEW



TECHNICAL DATA

Viewing distance: 3—100m	
Rotation of LED display : 360°	
Charging time : 9 hours	
Working time: 45hours	
LED display control: 4G、WiFi、U flash drive	
Pixel pitch : P3.8	
Ingress protection : IP65	
Configuration	
MPPT Controller	MPPT 60A,95%
Solar Panel	4x120W,monocrystalline silicon, 23.8% efficiency
Lithium Battery	1*280AH 12.8V
Height	Hydraulic 4m
Max Speed	Speed of 60km/h
Trailer (Single Axle)	US / EU / AU standard



SOLAR LED DISPLAY

F700 LED Display

PRODUCT VIEW



TECHNICAL DATA

Viewing distance: 3—200m	
Rotation of LED display : 360°	
LED display control: 4G、WiFi、U flash drive	
Pixel pitch : P3.8	
Rating : IP65	
Configuration DC48V	
Input voltage	AC100-240V 50-60HZ
Display Size	L: 2200mm, W: 1200mm
Power consumption	400W
Height	Hydraulic 3m
Trailer (Single Axle)	Speed of 60km/h
	US / EU / AU standard



SOLAR LED DISPLAY

F800 LED Display

PRODUCT VIEW



TECHNICAL DATA

Viewing distance: 3—200m	
Rotation of LED display : 360°	
LED display control: 4G、WiFi、U flash drive	
Pixel pitch : P3.8	
Rating : IP65	
Configuration AC220V 50HZ	
Output voltage	AC100-240V 50-60HZ
Display Size	L: 4500mm, W: 3000mm
Power consumption	10800W
Height	Hydraulic 5m
Trailer (Single Axle)	Speed of 60km/h
	US / EU / AU standard



CAPABILITIES & MARKETS

More Functions

Product can be customized to fit your specific needs.

- ▶ Remote Control and Monitoring

Control and monitor the equipment from anywhere, anytime using the internet or a mobile app

- ▶ GPS Tracking Management in case of theft

- ▶ Microphone + Two Way Talk

- ▶ Measuring the environment , the air quality



CAPABILITIES & MARKETS

Applications

**Constructi
on Site**



**Oil and
Gas Field**



Events



Mining Operation



Emergency Relief





CAPABILITIES & MARKETS

Market

▶ Domestic Market:

1. Mine in Mogonia
2. Oil Field in Daqing/Shengli
3. Airport in Beijing/Guangzhou

▶ Oversea Market :

Exported to Canada, USA, Chile, South Africa and European Countries