

MOBILE SOLAR LIGHT TOWER



HIGH-EFFICIENCY LED

UST series solar lighting tower is equipped with LED floodlights which guarantee optimal use of the battery and solar system. The LED lights can be adjusted and rotation 360 degree manual for cover more area

MAINTENANCE-FREE BATTERY

The light towers are equipped with gel-batteries with great advantages:
 High performance
 Low self-discharge rate
 Maximum charging efficiency
 500 cycles 80% DoD
 Maneuverability at 25°C

MPPT SOLAR CONTROLLER

Advanced MPPT technology, with efficiency no less than 99.5%, with LCD displaying running status, and the system support all-around electronic protection functions, including overcharging and over discharging protection to minimize damages to components of the system failure at the utmost, and effectively ensure safer and more reliable operation of the solar power supply system for a longer service time.

MOBILE TRAILER

The mobile trailer has heavy duty design for utility site and road repairs, security checkpoints, gated entrances, and flagger stations

TECHNICAL DATA	UST300	UST600	UST900	UST900H	UST1200S	UST1200D	UST1800	UST2400
Type of Lights	2X60W LED	4X60W LED	4X100W LED	4X100W LED	6X100W LED	6X100W LED	6X150W LED	6X200W LED
Lights Output	DC24V, 18,000LUMS	DC24V, 36,000LUMS	DC24V, 60,000LUMS	DC24V, 60,000LUMS	DC24V, 90,000LUMS	DC24V, 90,000LUMS	DC48V, 135,000LUMS	DC48V, 180,000LUMS
Solar Panel	Monocrystalline Silicon	Monocrystalline Silicon	Monocrystalline Silicon	Monocrystalline Silicon	Monocrystalline Silicon	Monocrystalline Silicon	Monocrystalline Silicon	Monocrystalline Silicon
Rate Power	1x455W	2x455W	3x380W	3x455W	4x455W	4x455W	6x455W	8x455W
PV Controller	MPPT 20A	MPPT 30A	MPPT 40A	MPPT 40A	MPPT 60A	MPPT 60A	Gel-battery	MPPT 60A
Type of Battery	Gel-battery	Gel-battery	Gel-battery	Gel-battery	Gel-battery	Gel-battery	MPPT 60A	Gel-battery
No. of Battery	2X150AH DC12V	4X150AH DC12V	6X150AH DC12V	6X150AH DC12V	8X200AH DC12V	8X200AH DC12V	8X250AH DC12V	12X250AH DC12V
Battery Capacity	300AH	300AH	450AH	450AH	400AH	400AH	500AH	750AH
System Voltage	DC12V	DC24V	DC24V	DC24V	DC48V	DC48V	DC48V	DC48V
Maximum Height	4.5m/6m optional	6m/7m/9m	7m/9m optional	9m	7m/9m optional	7m/9m optional	7m/9m Optional	7m/9m Optional
Wind Rating Speed	100KM/H	100KM/H	100KM/H	100KM/H	100KM/H	100KM/H	100KM/H	100KM/H
Lifting System	Manual / electric optional	Manual / electric optional	Manual / Electric/Hydraulic	Hydraulic	Manual / Electric/Hydraulic	Hydraulic	Electric/Hydraulic	Electric/Hydraulic
Axle NO:	Single axle	Single axle	Single axle	Single axle	Single axle	Dual axle	Single axle/Double axle	Double axle
Tyre and Rim	14 inch	14 inch	15 inch	15 inch	15 inch	15 inch	15 inch	15 inch
Stabilizer leg	4PCS Manual	4PCS Manual	4PCS Manual	4PCS Manual	4PCS Manual	4PCS Manual	4PCS Manual	4PCS Manual
Tow Hitch	50mm ball / 70mm Ring	50mm ball / 70mm Ring	50mm ball / 70mm Ring	50mm ball / 70mm Ring	50mm ball / 70mm Ring	50mm ball / 70mm Ring	50mm ball / 70mm Ring	50mm ball / 70mm Ring
Working Temperature	-35-60 C	-35-60 C	-35-60 C	-35-60 C	-35-60 C	-35-60 C	-35-60 C	-35-60 C
Operate Time	21 hours	21 hours	19 hours	19 hours	22 hours	22 hours	18 hours	21 hours
Charge Time (Solar)	8 hours	8 hours	9 hours	8 hours	10 hours	10 hours	8 hours	9 hours
Charge Time (AC)	/	/	/	/	/	18 hours	/	/
Dimensions	2356x2104x2415mm	2356x2104x2765mm	3325x1575x2525mm	3325x1575x2525mm	3630x2240x2525mm	3630x2240x2525mm	3630x2195x2525mm	4170x2215x2525mm
Dry Weight	650kg	750kg	1265kg	1665kg	1660kg	1790kg	2180kg	3200kg
20GP container	8units	6units	3units	2units	2units	2units	2units	2units
40HQ container	16units	14units	7units	4units	4units	4units	4units	4units