

MOBILE SOLAR LIGHTING TOWER



UST-1800 SERIES

UST-1800 mobile solar trailer devoted into clean energy's application in emergency use lighting, surveillance and telecom. It is towable, easy to deploy and without fuel cost, no noise, no smell....

1. 6 pcs Solar panel design trailer
2. Optional 7-12m manual / electric telescopic mast
3. Mobile trailer with Australian / European / American standard



Technical Data

	ECO	PLUS	AC & PLUG	HYDRAULIC & HEAVY	HYDRAULIC & AC
Model	UST-1800E5MS	UST-1800S5MS/D	UST-1800A5MS/D	UST-1800A5HD	UST-1800AS9HD
Type of Lights	6X100W LED	6X100W LED	6X150W LED	6X150W LED	6X150W LED
Lights Output	DC48V, 90,000LUMS	DC48V, 90,000LUMS	DC48V, 135,000LUMS	DC48V, 135,000LUMS	DC48V, 135,000LUMS
Solar Panel	Monocrystalline Silicon	Monocrystalline Silicon	Monocrystalline Silicon	Monocrystalline Silicon	Monocrystalline Silicon
Rate Power	6x455W	6x455W	6x455W	6x455W	6x455W
Type of Battery	Gel-battery	Gel-battery	Gel-battery	Gel-battery	Gel-battery
PV Controller	MPPT 60A	MPPT 60A	MPPT 60A	MPPT 60A	MPPT 60A
No. of Battery	8X200AH DC12V	8X250AH DC12V	8X250AH DC12V	8X250AH DC12V	8X250AH DC12V
Battery Capacity	400AH	500AH	500AH	500AH	500AH
System Voltage	DC48V	DC48V	DC48V	DC48V	DC48V
Mast	Telescopic, Galvanized	Telescopic, Galvanized	Telescopic, Galvanized	Telescopic, Galvanized	Telescopic, Galvanized
Maximum Height	7m/9m Optional	7m/9m Optional	7m/9m Optional	7m	9m/10m/12m Optional
Wind Rating Speed	100KM/H	100KM/H	100KM/H	100KM/H	100KM/H
Lifting System	Manual / Electric	Manual / Electric	Manual / Electric	Hydraulic	Hydraulic
AC Output	/	/	3000W	3000W	3000W
Battery Charger	/	/	34A	34A	2x2500W
Axle NO:	Single axle	Single axle / Dual axle	Single axle / Dual axle	Dual axle	Dual axle
Tyre and Rim	15 inch	15 inch	15 inch	15 inch	15 inch
Stabilisers	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
Color	Customized	Customized	Customized	Customized	Customized
Working Temperature	-35-60 C	-35-60 C	-35-60 C	-35-60 C	-35-60 C
Operate Time	22 hours	28 hours	19 hours	19 hours	19 hours
Charge Time (Solar)	8 hours	8 hours	8 hours	8 hours	8 hours
Charge Time (AC)	/	10 hours	10 hours	10 hours	8 hours
Dimensions	3630x2195x2525mm @7m 3630x2195x2860mm @9m	3630x2240x2525mm @7m	3630x2240x2525mm @7m 3630x2240x2860mm @9m	3787x2240x2525mm @7m	3787x2240x2410mm @9m
Dry Weight	1785kg	1875kg	1875kg	1985kg	2250kg
20GP container	2units	2units	2units	2units	2units
40HQ container	4units	4units	4units	4units	4units

OPTIONAL PARTS

WIND TURBINE

BACK-UP GENSET

GPRS



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