

MOBILE SOLAR LIGHTING TOWER



UST-900 SERIES



UST-600 solar lighting tower devoted into clean energy's application in emergency use lighting and surveillance. It is towable, easy to deploy and without fuel cost, no noise, no smell....

1. 3x380w / 3x455w Solar panel design trailer
2. 4*100w / 6*100W high efficient LED light for cover 3000 square me
3. Optional 6-9m manual / electric telescopic mast
4. Mobile trailer with Australian / European / American standard



Technical Data

	ECO	ECO	PLUG	PLUS & HYDRAULIC	PLUS & AC & HYDRAULIC
Model	UST-900E4	UST-900E5	UST-900P5	UST-900S5H	UST-900AS9H
Type of Lights	4X100W LED	4X100W LED	4X100W LED	4X100W LED	6X100W LED
Lights Output	DC24V, 60,000LUMS	DC24V, 60,000LUMS	DC24V, 60,000LUMS	DC24V, 60,000LUMS	DC24V, 60,000LUMS
Solar Panel	Monocrystalline Silicon	Monocrystalline Silicon	Monocrystalline Silicon	Monocrystalline Silicon	Monocrystalline Silicon
Rate Power	3x380W	3x380W	3x380W	3x380W	3x455W
PV Controller	MPPT 40A	MPPT 40A	MPPT 40A	MPPT 40A	MPPT 40A
Type of Battery	Gel-battery	Gel-battery	Gel-battery	Gel-battery	Gel-battery
No. of Battery	6X150AH DC12V	6X150AH DC12V	6X150AH DC12V	6X150AH DC12V	6X200AH DC12V
Battery Capacity	450AH	450AH	450AH	450AH	600AH
System Voltage	DC24V	DC24V	DC24V	DC24V	DC24V
Mast	Telescopic, Aluminium	Telescopic, Galvanized	Telescopic, Galvanized	Telescopic, Galvanized	Telescopic, Galvanized
Maximum Height	6.5m	7m/9m optional	7m/9m optional	7m	9m
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	/	/	/	/	1000W
Battery Charger	/	/	1500W	1500W	16A
Axle NO:	Single axle	Single axle	Single axle	Single axle	Single 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	19 hours	19 hours	19 hours	19 hours	17 hours
Charge Time (Solar)	8.5 hours	8.5 hours	8.5 hours	8.5 hours	10 hours
Charge Time (AC)	/	/	10 hours	10 hours	26 hours
Dimensions	3325x1575x2685mm @6.5m	3325x1575x2525mm @7m 3325x1575x2860mm @9m	3325x1575x2525mm @7m 3325x1575x2860mm @9m	3325x1575x2525mm @7m	3787x1670x2410mm @9m
Dry Weight	1175kg	1265kg	1275kg	1375kg	1730kg
20GP container	3units	3units	3units	3units	2units
40HQ container	7units	7units	7units	7units	4units

OPTIONAL PARTS

WIND TURBINE

BACK-UP GENSET

GPRS



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