



Data Sheet

Base System:

Brand:	UNIV
Name:	Solar Light Tower
Model:	UST-900
Material:	Steel Q235
Powder:	Outdoor Type
Dimension:	Length×Width×Height
Transport:	2300×1500×2200 (mm) 7.5×5×7 (ft)
Operate:	3200×3400×6200 (mm) 10.5×11×20 (ft)
Weight:	1150kg / 2550lb
System Voltage:	DC24V
Work Temperature:	-35°C~50°C / -31°F~122°F

Solar System:

Solar Panel:	3 × 380W Monocrystalline Silicon 60pcs
Voltage:	DC42V
Charging Time:	8 hours

CCTV System:

PTZ:	2 × 4MP 25× Optical,16× Digital 100m IR Night Vision
Bullet:	2 × 2MP Bullet
NVR:	4TB,4ch 32.5 days(126GB/day)
Monitor:	22"
Loudspeaker:	Two-ways
Router:	4G & Wi-Fi 500m
LED:	1 × 50W
Power Consumption:	120W
Running Time:	3 Days

Mast System:

Body:	Steel Q235 Galvanized
Fastener:	Stainless Steel 304
Wire Rope:	Stainless Steel 316 4mm
Type:	Square Telescopic
Height:	6.5m / 21.3ft
Section:	5
Spring Cable:	4 × Cat6e + 1 × Power Supply
Lifting Method:	Electric Winch
Recommended Loading:	5kg ~ 70kg / 11lb ~ 154lb
Windproof:	117km/h / 73mph

Accessories:

Operation Manual	Parts Manual
Controller Manual	Allen Wrench
Hex Wrench	

Picture:



Battery System:

GEL:	6 × 150Ah Free-main Deep-cycle
Voltage:	DC12V
Series & Parallel:	2 in series, then parallel
Power Capacity:	10800W·h

Control System:

Solar Controller:	MPPT 60A
Efficiency:	95%+
Detection & Protection:	Short-Circuit Overload High Voltage High Temperature
Timer:	Dusk & Dawn
Whole Machine:	Battery Isolator Each Device on-off Mast Up-down

Trailer System:

Standard:	US / AU / EU
Tow Hitch:	50mm / 2" Ball Type
Trailer Light:	7 Pin
Jockey Wheel:	200mm / 8"
Axle:	Single Suspension Bump Brake
Tire:	2 × 215/70R15C
Wheel Chock:	2
Forklift Hole:	2
Lifting Ring:	4
Outrigger:	4 × Manual Galvanized
Warranty:	2 years

Certification:

ISO9001	ISO14001
CE	UL
SAA	COC