Solar CCTV Tower

UPT-000S



SPECIFICATIONS

1.Specifications

1.1 Dimensions & Weight

Dimension (Transportation)·····1200 × 1200 × 2390 mm
Dimension (Operation) ·····2314 × 2314 × 5320 mm
Weight ·····474kg / 1045lb

1.2 Environment & Appearance

System Voltage ····· DC12V
Operating Temperature ·····-20℃~60℃ / -4℉~140℉
Surface Treatment····· Outdoor + Anti-Corrosion
Material·····Q235 Steel
Warranty:·····2 years

1.3 Solar System

Solar Panel·····1 × 440W
Open Circuit Voltage·····DC39.33V
Conversion Efficiency····· 22.3%
Angle adjustment ·····0º-90º,Manual
Rotation ·····360º,Manual

1.4 Battery System

Battery Type·····LiFePO4
BatteryCapacity ·····5.88 kWh(2×230Ah)
Voltage ·····DC 12.8V
Cycle Life ·····4000 cycles at 95% DOD (25℃)
Bluetooth/Computer connection ·····Yes
Heater·····Built-in

1.5 Charging System

Charger Power ····· 1.5kW
Charging Frequency ·····50Hz
Efficiency·····93%
Charging Socket ·····AC230V

1.6 Intelligent Control System

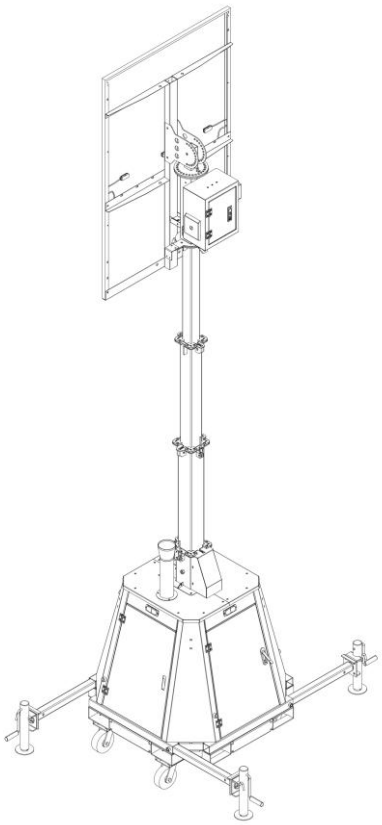
Controller Type ····· EPEVER XTRA4415N G3 BLE
Built-in ····· Bluetooth
Conversion Efficiency····· 95%+
Remote ·····Optional
Over-voltage protection ·····Yes
over-current protection ·····Yes
short-circuit protection·····Yes
Reverse connection protection·····Yes

1.7 Telescopic Mast

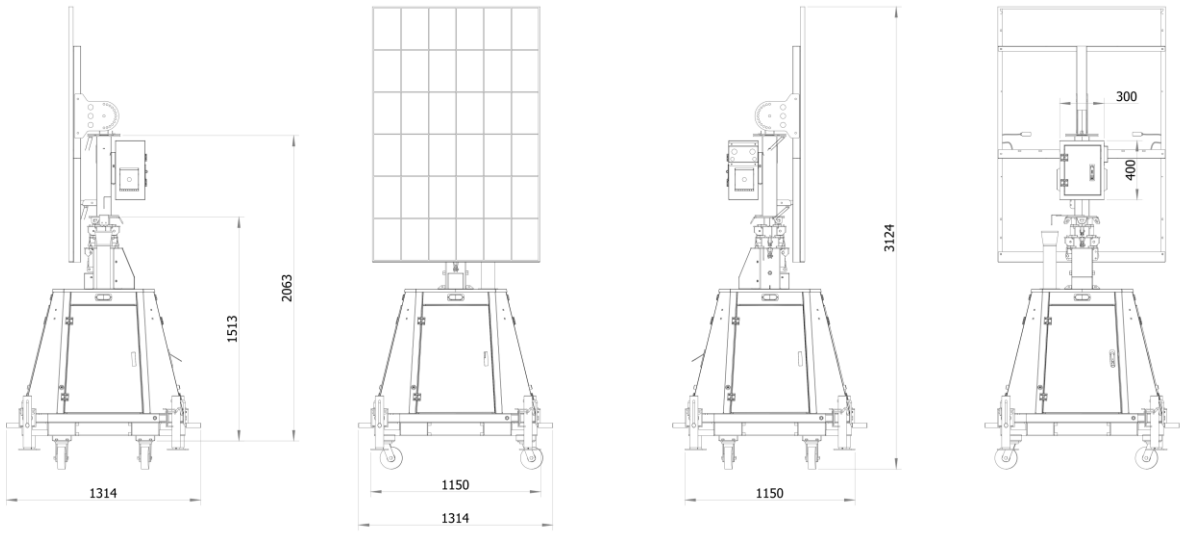
Height & Sections·····3.5m (11.48ft) / 4 sections
Material & Treatment ·····Q235 steel, hot-dip galvanized
Lifting Mechanism ·····Electric Winch
Wire Rope ····· Stainless Steel 304, 5mm
Spiral Cable ····· 2×Cat5e + 14×Power Supply
Top Load ····· 5kg ~ 50kg (11lb ~ 110lb)
Wind Resistance ····· 117 km/h / 72.7 mph

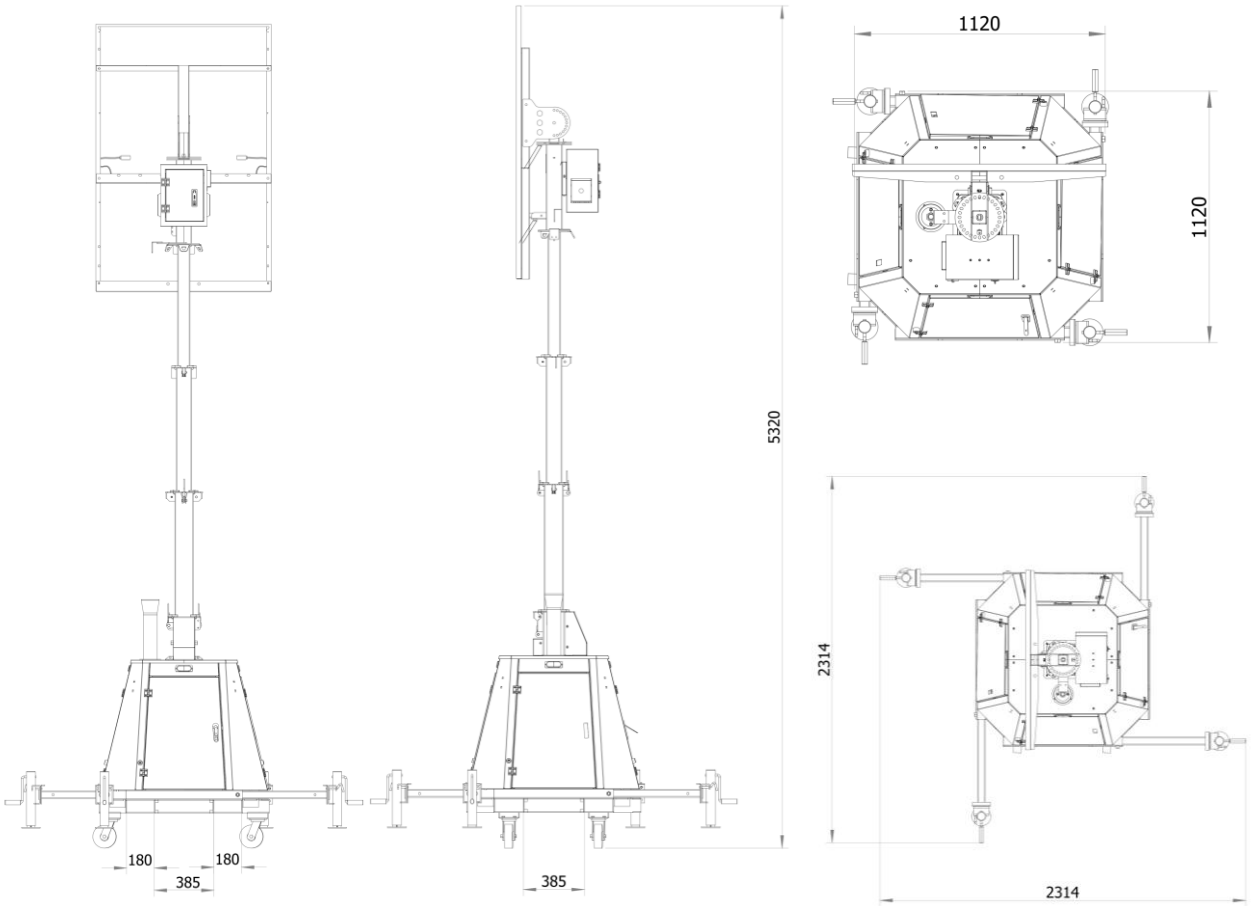
1.8 Trailer & Chassis

Standard ····· US / AU / EU
Outrigger ····· 4 × Manual,Galvanized
Forklift Pocket·····Yes



2.Diemensions





3.CCTV system (Optional)

3.1 CCTV Ready Configuration

Camera Mounting	Standard quick-release structure
DC Power Supply	Pre-wired DC 12V, 24V & 48V
Network	PoE switch (standard)
Strobe Lights	4 pcs
AC Output	450W inverter (optional)
Auxiliary Devices	Support speaker, display and other external equipment

3.2 Core CCTV Functions & Configuration

Supported Brands	Hikvision and other mainstream brands
Recommended Model	Hikvision DS-2SE4C425MWG-E/26(F0) 4MP 25× IR PTZ Camera
View	360° panoramic coverage, 25× optical zoom + 16× digital zoom
Low-light Technology	DarkFighter & ColorVu, IR distance up to 100m, white light 30m
Intelligence	Human & vehicle classification, deep learning algorithm
Video Recorder	Hikvision NVR DS-7608NXI-K1 (optional)
Network	4G Router USR-G806s-G (optional)
Speaker	T-720AP 30W IP55 (optional)
Display	G0816 (optional)





