

SOLAR POWERED TRAILER

Product Overview

The Solar Powered Surveillance Trailer features a 2-panel design using high-efficiency 440 W monocrystalline silicon panels, optimized for maximum performance even in low-sunlight areas.



25.6 V
Lithium Battery



24 V DC
System Voltage



62 MPH
Wind Rating



7 m (22 ft)
Height Maximum



Telescopic
Steel Mast



440W Monocrystalline
Silicon Panels



Hybrid Solar Powered Trailer	
Solar System	
Solar Panel	Monocrystalline silicon
Rate Power	440W x2
Rate Power	23.3%
Battery System	
Type	Lithium Iron Phosphate
Capacity	25.6 V 314 AH
Ambient Temperature	-30° to 60°
Solar Controller	
Type	MPPT
Rd Charge Currentate	VICTRON 150 - 45
Efficiency	99.5%
Charging Time	8.2 H
System Voltage	DC 24 V
MPPT Controller Gateway	CERBO-GX
DC Output	DC 12 V 240 W, DC 24 V 240 W, DC 48 V 480 W
Battery Charger	Use AC power charge battery 1.5 kW, 1x AC Charging cable (L=2M)
Spring Cable	
Network Cable	Cat6 x2
Power Cable	4x Awg13 + 4x Awg16
LED Power Cable	2x Awg13 (Power) + 2x Awg20 (Control signal line)

Lifting System	
Type	Telescopic Mast
Material	Mast steel Q235
Max Height	7 m
Lifting System	Manual
Wind Rating Speed	100 km/h
Trailer System	
Type	Mobile Single Axle Trailer
Standard	America
Tow Hitch	50mm ball 2000 kg
Stabilization Leg	4 pcs Manual
Suspension System	Spring Type
Transportation	Truck, Crane, Forklift
Tyre & Rim	185/R14C
Size	
Working Size	2960 mm x 2960 mm x 7360 mm
Shipping Size	2200 mm x 1720 mm x 1250 mm
Trailer Transport Size	3540 mm x 1715 mm x 2840 mm
Flat Transport Size	2500 mm x 1715 mm x 2840 mm
Weight	1050 kg (Approx.)

Dimensions (mm [Inch])

