



The Titan 360 is a cost-effective, 100% solar-powered lighting solution with zero emissions, zero noise, and zero operating costs. Its compact, durable design supports larger solar panels and batteries, while a patented tilt system ensures maximum sunlight capture. With smart controls and a mobile app for remote monitoring and scheduling, the Titan 360 delivers powerful, sustainable lighting wherever it's needed.

Zero Emission · Zero Noise · Zero Fuel Consumption · Zero Maintenance

Specifications

	Standard Model	Titan 360
Dimensions	Length	2,300 mm
	Width	1,260 mm
	Height	2,630 mm
	Height fully extended	8.25m
	Gross weight	1,105 kg
Solar panel & battery system	System voltage	24 VDC
	Solar panel system	1620 W- 3*540 W Mono
	Retractable panel system	Manual sliding system with guide rail
	Solar system sunshine tilt	Manually 10°-49°adjustable with 2500lb winch
	Battery	4*200 Ah Gel battery
Mast & Luminaire	Controller (Day time)	1*80 A MPPT controller
	Luminaire	2*180W or 4*100 W LED (DC 24V with dimming)
	Luminous flux	54,000 Lumen or 60,000 Lumen
	Manual LED turn on-off	Controlled by timer of MPPT controller
	Mast style	Circuit breaker
	Mast rotation	5 sections; 2,500 lb manual winch
General Data	Light tilt	Manual
	Max. lighting hours with batteries fully charged	13 hours (Theoretical data for reference only)
	Max. wind resistance (All solar panels retracted)	20 m/s (45 mph)
Optional parts or accessories	Max. quantity for loading in 40' high cube	7
	DC power input	DC 24V receptacle
	Battery Charger with cable & plug	1 pcs