



IW-89V

Building a new era of lighting with solar energy

The IW-89V is the next generation of high-performance solar lighting towers, engineered to deliver powerful illumination, reliable operation, and maximum efficiency in demanding environments. Designed for modern worksites, it provides exceptional visibility while supporting sustainable operations through ultra-low emissions and low-noise performance



HYDRAULIC
ONE-TOUCH
STABILISER
LEGS



ELECTRIC ONE-TOUCH
SOLAR PANEL
DEPLOYMENT



SHORE POWER
CHARGING INLET WITH
CHARGING CABLE



External power
outlet

Starlink or auxiliary
equipment connection



360° CAMERA
512GB STORAGE
MOTION TRACKING
WITH SPEAKER



4-HOUR
FAST
RECHARGE
SYSTEM



4×150W
SMD LED
FLOODLIGHTS



SOLAR LIGHT TOWER VS. DIESEL
≈ \$15,000
SAVINGS / YEAR
LONG-TERM OPERATION

LUMENS HIGH BRIGHTNESS
84,000 LM
140LM/W



24V 800Ah
LITHIUM
BATTERY



10,000 m²
LIGHT
COVERAGE



HYDRAULIC
LIFTING UP TO
9M



IP67
WATER & DUST
PROTECTION



-35°C TO 60°C
EXTREME
CONDITIONS



24H
SELF-AUTONOMOUS
OPERATION



360°
ROTATION & 90°
TILT

SOLAR PANELS
4×435W



WIND RESISTANCE
110KM/H



08 6816 7999



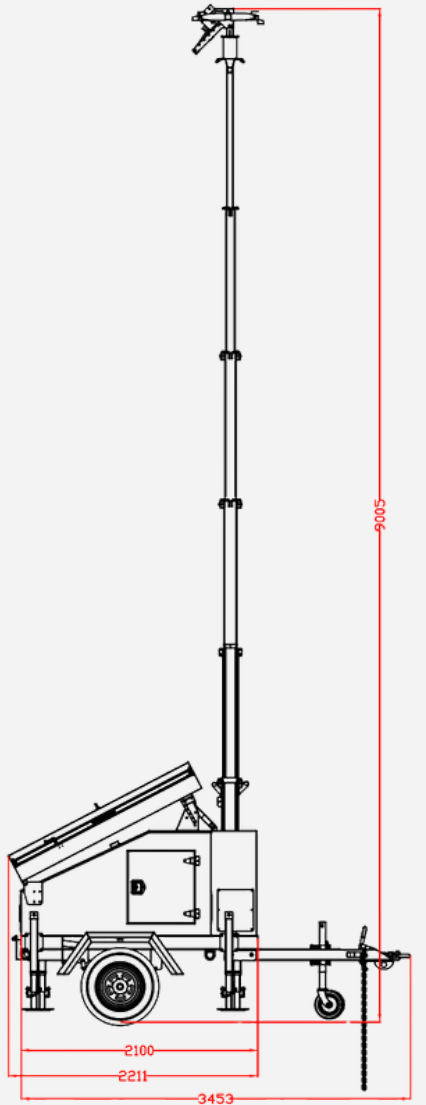
www.ironwest.com.au



admin@ironwest.com.au



U8/4 Harper Terrace,
South Perth, WA 6151



Structure & Durability

- Galvanised steel frame for long-lasting outdoor use
- AU trailer standard for compliance and reliability
- Weight 1250KG designed for stability and portability
- Automatic leg and solar panel deployment significantly reduces setup time and labour on site

Lighting & Technology

- BY1210-600 SMD LED model delivers consistent illumination
- Machine brake + MT 225/75R15 OffRoad tyres + single axle ensures smooth and safe movement
- Four outside hydraulic legs provide secure ground stability

Power & Battery System

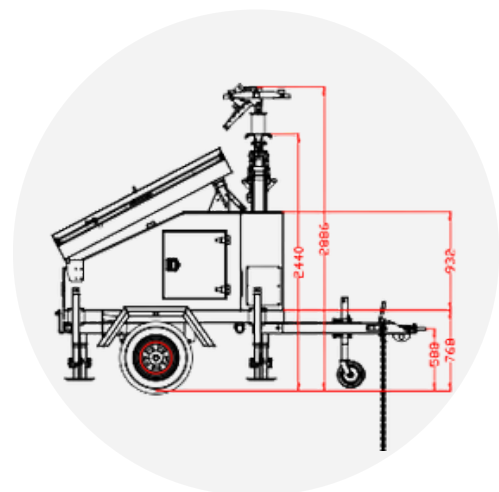
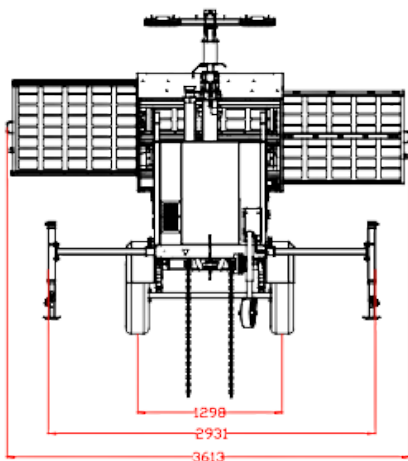
- 24V 800Ah Lithium batteries for energy storage
- 24V output with high reliability
- 4H charging time for daily operation

Smart Energy Control

- Blue Solar MPPT 150/60A controller for efficient solar charging
- Smart Battery Protect 12/24V 65A protector ensures safe operation

Handling & Transportability

- 2" Ball / 3" Ring hitch for towing flexibility
- 4 lifting rings + 2 forklift holes make moving and setup easy
- Compact dimensions (2200×1550×2400mm) allow easy transport & storage



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