



SOLAR LIGHT TOWER

ZERO
emission



ZERO
noise



ZERO
fuel consumption



ZERO
maintenance



*Lighting Where You Need
Power When You Need*

► Product introduction

GRANDWATT KANSAS Series Solar Light Tower SX9-R400/1740 is an economical solar-powered light tower featuring a compact design and high efficiency. It is equipped with 4 × 100W LED lights, delivering up to 14 hours of continuous illumination on a full battery charge. With an excellent cost-performance ratio, this model enables sustainable site lighting with zero CO₂ emissions, zero noise, and zero operating costs—eliminating expenses for diesel fuel, routine maintenance, and labor. Powered by 100% renewable energy, it is an ideal solution for environmentally conscious projects. Despite its smaller and refined structure, the SX9-R400/1740 features a robust and reinforced design capable of supporting larger solar panels and higher-capacity batteries. Its patented lifting mechanism allows the solar panels' tilt angle to be adjusted, ensuring optimal alignment with sunlight and maximizing solar energy yield. The unit is equipped with the latest photovoltaic and energy storage control system, offering intelligent operation and remote monitoring. Through a mobile phone app, users can set automatic timers and remotely control light on/off scheduling, ensuring efficient and hassle-free operation.



Solar panel 3X580W
Batteries
6X200Ah/12V

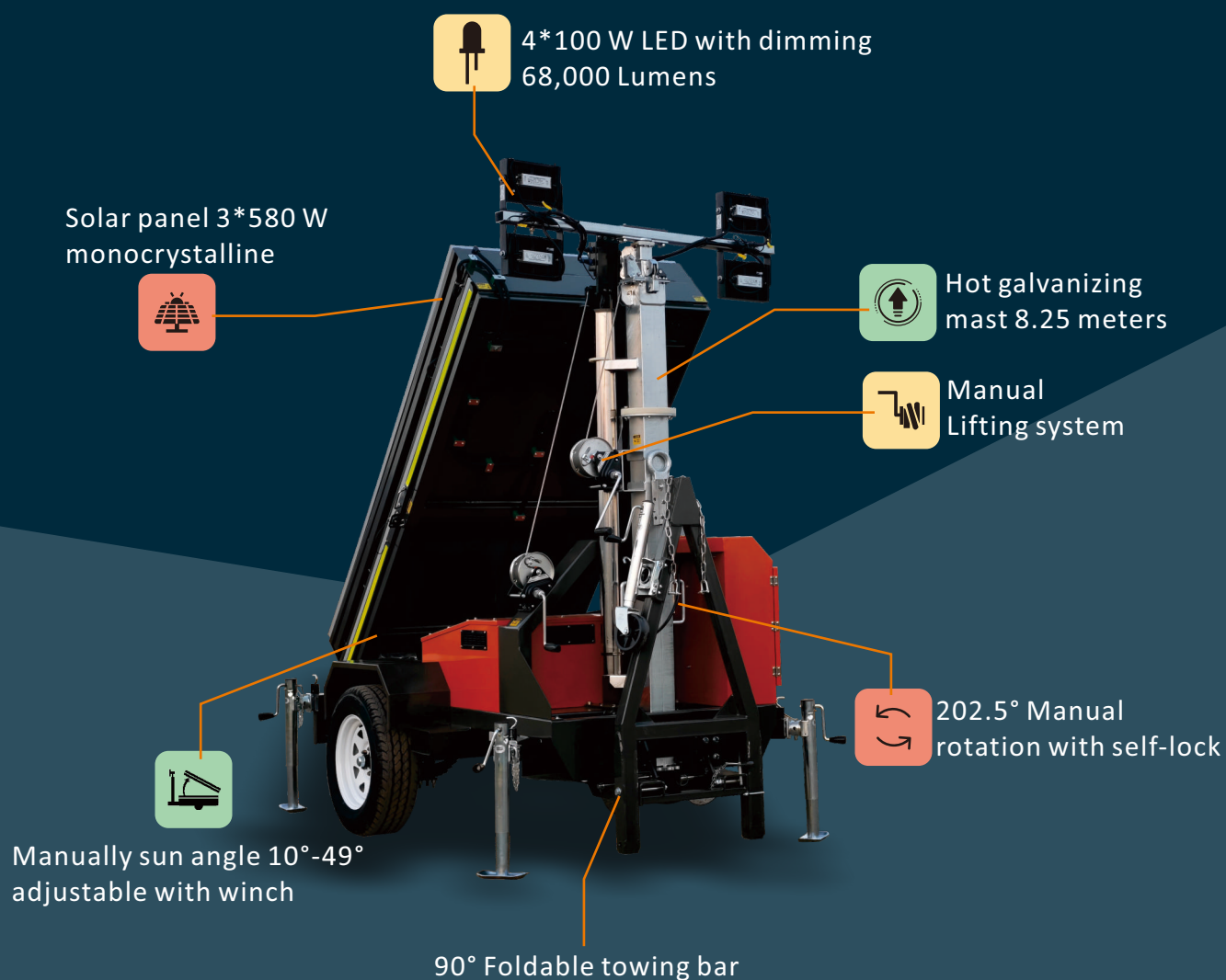


11,500sqm
area illuminated



GRANDWATT

HIGHLIGHT FEATURES



01 ✓

5 sections 8.3 m
manual 202.5°
rotation mast

+

02 ✓

1,740 W-3X580 W
monocrystalline
solar panel

+

03 ✓

Manual 10°-49°
adjustable jack
for sunshine
angle tilt

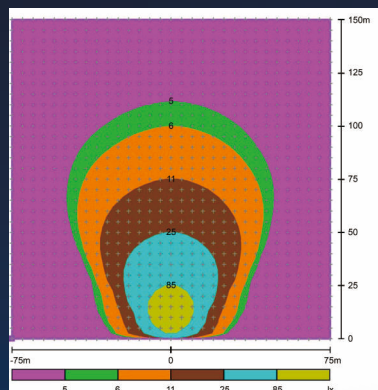
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04 ✓

80A MPPT
controller with
wireless remote
monitoring



APP



4X100W LED
LIGHTS PLOT

APPLICATIONS

-  SPECIAL EVENTS
-  RURAL & HARD TO REACH AREAS
-  EMERGENCY RESPONSE
-  CONSTRUCTION & WORK SITES
-  GAS, OIL & MINING OPERATIONS
-  MILITARY APPLICATIONS





Standard Model		SX9-R400/1740-4	SX9-P400/1740-1	SX9-R400/1740-6	SX9-P400/1740-2
Dimensions	Trailer Length	3,785 mm (12' 5")			
	Length for Loading	2,300 mm (7' 6")			
	Width	1,650 mm (5' 5")			
	Max. Length × Max. Width	4,261 mm (13'11") ×3,532 mm (11'7")			
	Height/Height for Loading	2,743 mm (8'12")/ 2,515 mm (8'3")			
	Height Fully Extended	8.25m (27'1")			
	Gross Weight	1,333 kg (2,939 lb)	1,138 kg (2,509 lb)	1,450 kg (3,197 lb)	1,165kg (2,568 lb)
Solar Panel & Battery System	System Voltage	24 VDC			
	Solar Panel System	1,740 W- 3*580 W Mono			
	Retractable Panel System	Manual sliding system with guide rail			
	Solar System Sunshine Tilt	Manually 10°-49°adjustable with 2,500lb winch			
	Battery	4*200 Ah Gel battery	1*200Ah Lithium battery	6*200 Ah Gel battery	2*150Ah Lithium battery
	Controller (Day Time)	1*80 A MPPT controller			
Mast & Luminaire	Luminaire	400 W-4*100 W LED (DC 24V with dimming)			
	Luminous Flux	68,000 Lumen			
	Auto LED Turn On-off	Controlled by timer of MPPT controller			
	Manual LED Turn On-off	Circuit breaker			
	Mast Style	5 sections; 2,500 lb manual winch			
	Mast Rotation	Manual 202.5° with self-lock			
	Light Tilt	Manual			
Trailer	Suspension & Brake	Single leaf-spring axle without brake			
	Tow Bar	"A" style frame with a directional wheel			
	Forklift Slots	2 sides + rear			
	Stabilizing Leg	4 retractable jacks			
	Wheel	16" rim with regular tire			
	Tow Coupler	Switchable 2" ball coupler with 2½" pintle ring			
	Taillights	Night, turning & stopping taillights or reflector plates			
	Max. Towing Speed	100 km/h (62 mph)			
General Data	Max. Lighting Hours with Batteries Fully Charged	10 hours (Theoretical data for reference only)		14 hours (Theoretical data for reference only)	
	Max. Wind Resistance (All Solar Panels Retracked)	20 m/s (45 mph)			
	Max. Quantity for Loading in 40' High Cube	7			
Optional Parts or Accessories	DC Power Input	DC 24V receptacle			
	Battery Charger with Cable & Plug	1 pcs			
R-Regular Configuration- Gel Batteries; P-Premium Configuration- Lithium Iron Batteries					