

*Lighting Where You Need
Power When You Need*

Portable solar LIGHT TOWER

▶ Product Introduction

The portable solar light tower SX8 is designed for sports field, efficient and delivers high performance, giving athletes and spectators good visibility while allowing sites to increase sustainability with zero CO₂ emissions and zero noise, zero operating costs (diesel fuel, maintenance, labor), it is 100% renewable energy, stronger structure can load more power solar panels and batteries, patented rotating mechanism can adjust angle of solar panel to best align with the sun's location to achieve maximum solar yield. Equip with latest photovoltaic and Energy storage controller system, very intelligent, it can be monitored by phone APP to set auto timer switches auto turn on-off the lights.



ZERO
emission



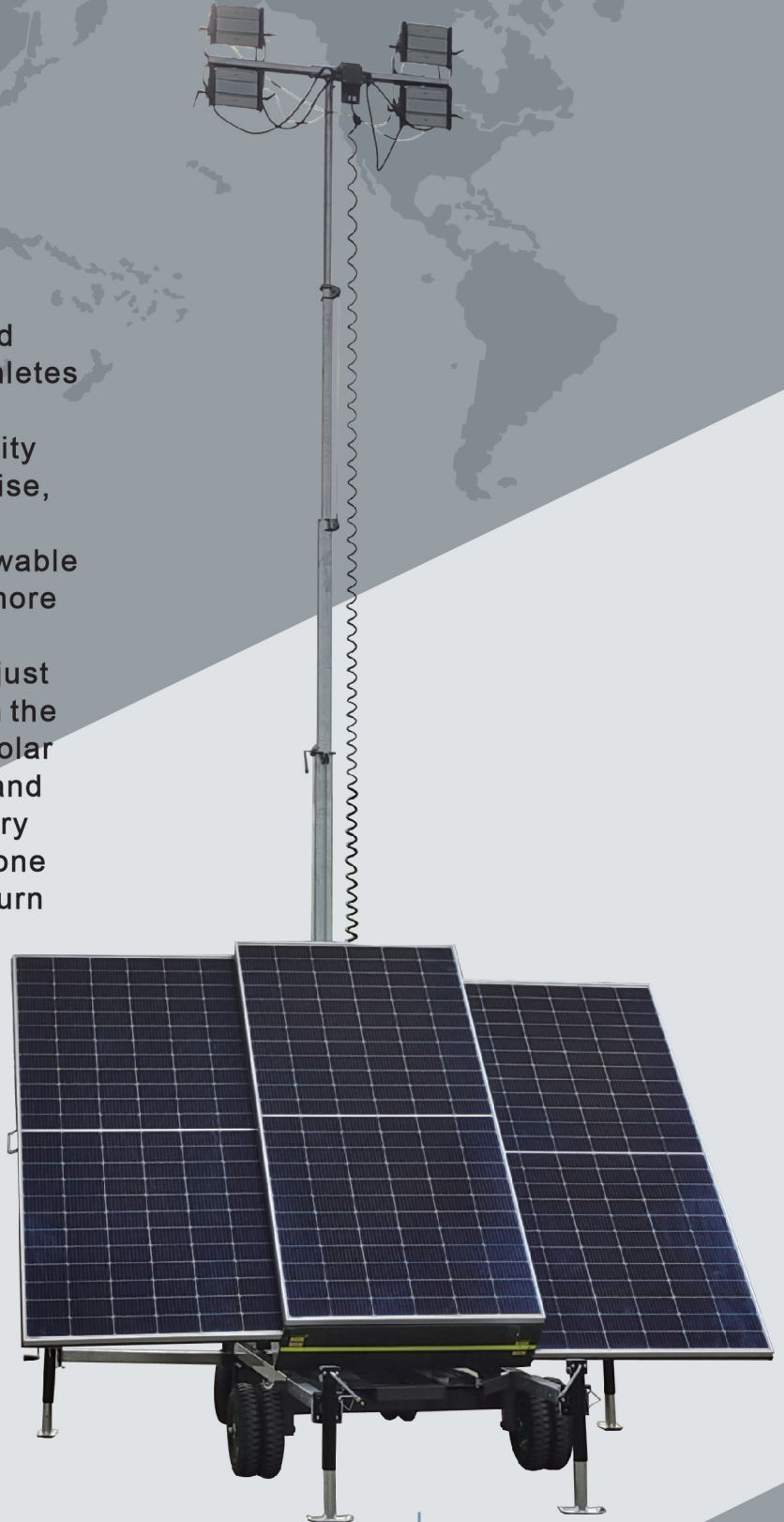
ZERO
noise



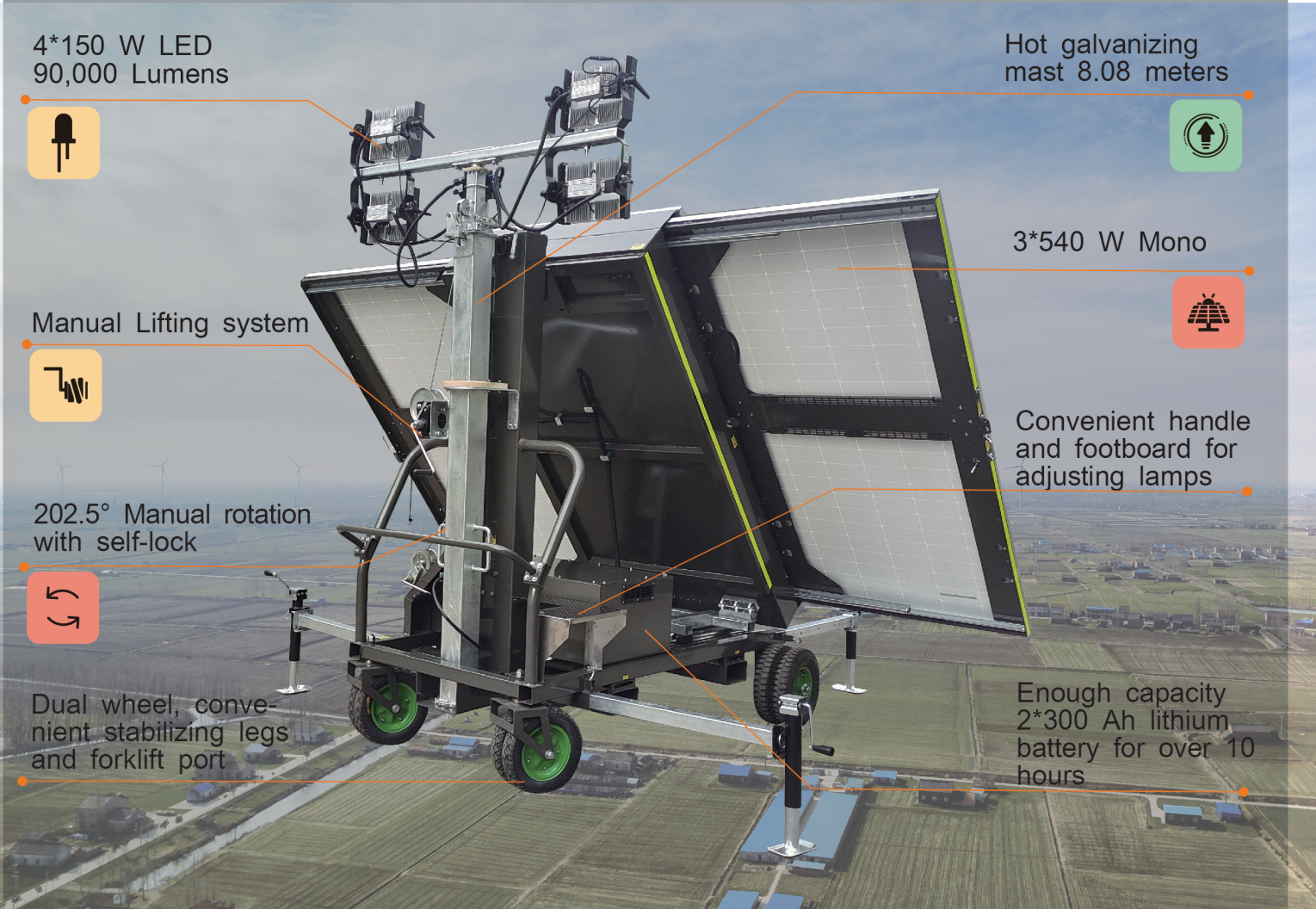
ZERO
fuel consumption



ZERO
maintenance



HIGHLIGHT FEATURES



01 ✓

5 sections 8.08
m manual 202.5°
rotation mast

+

02 ✓

1,620W- 3*540W
monocrystalline
solar panel

+

03 ✓

Manual 11°-45°
adjustable jack
for sunshine
angle tilt

+

04 ✓

80A MPPT
controller with
wireless remote
monitoring





GRANDWATT
Portable solar
LIGHT TOWER



SX8 Solar Light Tower

		Standard Model	SX8-Sport600-1620
Normal dimension	Length		2,400mm(7'10½")
	Width		1,420mm(4'4")
	Height		2,725mm(8'11¼")
Dimension extended	Length extended		3,225mm(10'7")
	Width extended		3,450mm(11'4")
	Height extended		8,080mm(26'6")
Dimension for loading	Length for loading		2,225mm(7'3½")
	Width for loading		1,420mm(4'4")
	Height for loading		2,464mm(8'1")
	Gross weight		570kg (1,919 lb)
Solar panel & battery system	System voltage		24VDC
	Solar panel system		1,620 W- 3*540 W Mono
	Retractable panel system		Manual sliding system with guide rail
	Panel sunshine tilt		Manually 11°- 45° adjustable with manual winch
	Controller (Day time)		1*80 A MPPT controller
	Lithium Battery		2*300 Ah
Mast & Luminaire	Luminaire		600 W-4*150 W LED (DC 24V with dimming)
	Luminous flux		90,000 Lumen
	Auto LED turn on-off		Controlled by timer of MPPT controller
	Manual LED turn on-off		Circuit breaker
	Mast style		5 Sections with manual winch
	Mast rotation		Manual 202.5 ° with self-lock
	Light rotate & tilt		Manual
Cart	Front wheels		2 kits of double 400mm wheels
	Rear wheels		2 kits of rotatable double 350mm wheels
	Stabilizing leg		4 retractable heavy duty jacks
	Forklift slots		2 sides and rear
General Data	Max. lighting hours with batteries fully charged		10 hours(Theoretical data are for reference only)
	Max. against wind while solar panels retracted completely		27.8m/s (100km/h)
	Max. against wind while solar panels extended completely		14m/s (50km/h)
	Max. quantity for loading in 40' high cube		9
Optional parts or accessories	DC power input		DC 24V receptacle
	Battery Charger with cable & plug		1 pcs

Notes:

1. How full the batteries be charged by solar are completely depend on the weather, season and location.
2. For keeping the lighting hours you need, please adjust the lighting time of controller or LED load by the dimming knob as the weather & season.