

# WSLI IMMS SOLAR LED FLOOD LIGHTS



White Star Lighting Industry Pty Ltd  
Let there be light!



## Product Features

- \*Smart solar controller built-in, power brightness and lighting time are adjustable via remote controller.
- \*Solar panel separated from light allows to increase power to meet the solar radiations in different latitude and longitude
- \*Large capacity lithium battery with 2000 cycles lifetime.
- \*High light efficiency up to 180lm/w, Lumileds led chip ensure the long lifespan with low light decay
- \*Brand mono silicon solar panel, fast charging with short time.



IMMS-10W



IMMS-20W

## Product data

<b>SOLAR PANEL</b>	<b>Maxpower:</b>	<b>4.5V/20W Mono-crystalline</b>
	Life time	25 years
	Dimension:	420*350*17mm
<b>BATTERY</b>	Type:	LifePO4 lithium battery 3.2V 12AH
	Life time:	5-8 years
	Led power:	10 watts
<b>LED LAMP</b>	LEDs brand	Lumileds SMD 2835 100pcs
	Life time:	60.000 hours
	Luminous flux:	1700LM
	Dimension	216.5*152*40mm
	Net weight:	1.2kg
	Package dimension	550*420*260mm 20pcs/Carton
	Working mode:	Light control intelligent time control (first 6H 100% working, next 6H 50% working)
<b>Controller:</b>	PWM	
<b>Charge time:</b>	5-6 hours	
<b>IP Rating:</b>	IP65	
<b>Certificate:</b>	CE, ROHS, LM80	

## Product data

<b>SOLAR PANEL</b>	<b>Max power.</b>	<b>18V/40W Mono-crystalline</b>
	Life time:	25 years
	Dimension:	770*350*25mm
<b>BATTERY</b>	Type:	LifePO4 lithium battery 3.2V 48AH
	Life time:	5-8 years
	Led power:	20 watts
<b>LED LAMP</b>	LEDs brand	Lumileds SMD 2835 1w 100pcs
	Life time	60.000 hours
	Luminous flux:	3500LM
	Dimension	770*350*25mm
	Net weight:	1.5kg
	Package dimension:	550*420*260mm 20pcs/Carton
	Working mode:	Light control/intelligent time control (first 6H 100% working, next 6H 50% working)
<b>Controller:</b>	MPPT	
<b>Charge time:</b>	5-6 hours	
<b>IP Rating:</b>	IP65	
<b>Certificate:</b>	CE, ROHS, LM80	





**IMMS-30W**

**Product data**

<b>SOLAR PANEL</b>	<b>Max power:</b>	<b>18V/60W Mono-crystalline</b>
	Life time	25 years
	Dimension	530*680*25mm
<b>BATTERY</b>	Type:	LifePO4 lithium battery 3.2V 72AH
	Life time:	5-8 years
<b>LED LAMP</b>	Led power:	30 watts
	LEDs brand	Lumileds SMD 2835 1W 150pcs
	Life time:	60.000 hours
	Luminous flux	5250LM
	Dimension:	226.5*167*40mm
	Net weight:	1.8kg
	Packagedimension:	250*200*55mm
	Working mode:	Light control/intelligent time control (first 6H 100%working,next 6H 50%working)
<b>Controller:</b>	MPPT	
<b>Charge time</b>	5-6 hours	
<b>IP Rating:</b>	IP65	
<b>Certificate:</b>	CE,ROHS,LM80	



**IMMS-80W**

**Product data**

<b>SOLAR PANEL</b>	<b>Max power:</b>	<b>18V/140W Mono-crystalline</b>
	Life time:	25 years
	Dimension:	1190*680*30mm
<b>BATTERY</b>	Type:	LifePO4 lithium battery 12.8V 48AH
	Life time:	5-8 years
<b>LED LAMP</b>	Led power:	80 watts
	LEDs brand	Lumileds SMD 2835 1W 400pcs
	Life time:	60.000 hours
	Luminous flux:	14000LM
	Dimension:	354.5*245*55mm
	Net weight:	3.2kg
	Package dimension	A35*340*130mm
	Working mode:	Light control/intelligent time control (first 6H 100%working,next 6H 50%working)
<b>Controller:</b>	MPPT	
<b>Charge time:</b>	5-6 hours	
<b>IP Rating:</b>	IP65	
<b>Certificate:</b>	CE,ROHS,LM80	



**IMMS-50W**

**Product data**

<b>SOLAR PANEL</b>	<b>Max power:</b>	<b>18V/80W Mono-crystalline</b>
	Life time:	25 years
	Dimension:	690*680*25mm
<b>BATTERY</b>	Type:	LifePO4 lithium battery 3.2V 100AH
	Life time:	5-8 years
<b>LED LAMP</b>	Led power:	50 watts
	LEDs brand	Lumileds SMD2835 1W 200pcs
	Life time:	60.000 hours
	Luminous flux:	7200LM
	Dimension:	310.5*220*50mm
	Net weight:	2kg
	Package dimension	345*250*55mm
	Working mode:	Light control/intelligent time control (first 6H 100%working,next 6H 50%working)
<b>Controller:</b>	MPPT	
<b>Charge time:</b>	5-6 hours	
<b>IP Rating:</b>	IP65	
<b>Certificate:</b>	CE,ROHS,LM80	



**IMMS-100W**

**Product data**

<b>SOLAR PANEL</b>	<b>Max power:</b>	<b>18V/180W Mono-crystalline</b>
	Life time:	25 years
	Dimension:	1480*680*30mm
<b>BATTERY</b>	Type:	LifePO4 lithium battery 12.8V 66AH
	Life time:	5-8 years
<b>LED LAMP</b>	Led power:	100 watts
	LEDs brand	Lumileds SMD2835 1W 500pcs
	Life time:	60.000 hours
	Luminous flux:	17500LM
	Dimension:	402.5*295*60mm
	Net weight:	4.2kg
	Package dimension	490*370*130mm
	Working mode:	Light control/intelligent time control first 6H 100%working,next 6H 50%working)
<b>Controller</b>	MPPT	
<b>Charge time:</b>	5-6 hours	
<b>IP Rating</b>	IP65	
<b>Certificate:</b>	CE,ROHS,LM80	

## » Application

Widely used in shopping mall,exhibition hall,parking lot,playground,gymnasium, billboards,park,sculpture,national green lighting project,building facade and public corridor stair corridor and other indoor and outdoor lighting

