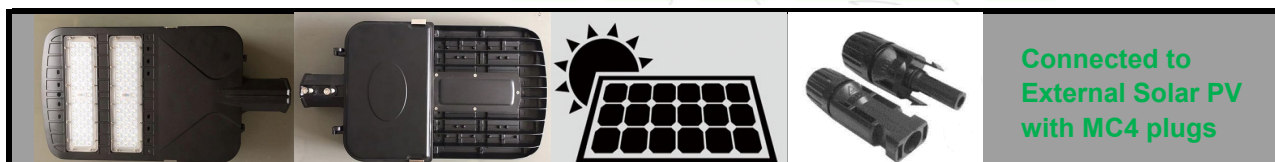



## LED SOLAR STREET LIGHT (All in 2) TECHNICAL SPECIFICATIONS



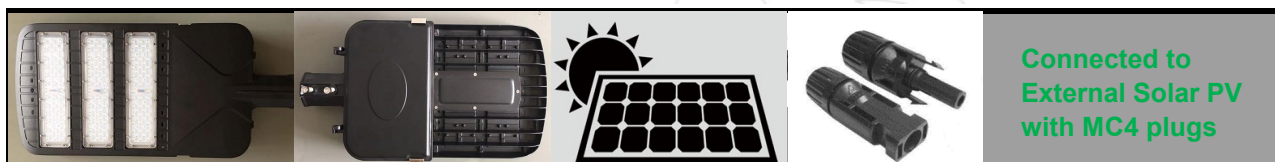
ALL IN 2 Series		MODEL NO. ISSL-AI2-80W
External Solar Panel	Adaptable Voltage	DC18~55V
	Charging Current	≤15A
	Recommended PV:	18V/120~180Wp Crystalline Solar PV
	Max PV Power:	18V/180 Wp
Batteries	Capacity/Type	12.8V/36AH (537.60WH)Grade A LiFePO4
	Life-span	>8 years (DoD 60%>3,000 circles)
Controller	Type	MPPT 15A / Waterproof class: IP68
	Timer/Sensor	Timer for 5 sections/ motion sensor as optional
LED Light Source	Rated Power	48V/ 80W (60LEDsx2 Modules)
	LED Brand	PHILIPS 3030 (LED Lumen: 195lm/W)
	Lamp Lumens	8000~9800 lm
	Life-span	100,000 hours
	Viewing Angle	60x120°
Full Charge Time	By Solar	4 hours (with 135Wp Solar PV STC: 1000W/m <sup>2</sup> , 25°C )
Discharge Time	100% Bright Mode	>8 hours (at 12000LM Brightness)
	Programming	> 3 continual cloudy/rainy days
Working Temp.	-30°C~+80°C	
Color Temp.	Daylight White 5000±500K (Full range color temp. 2700~6500K available)	
Mounting Height	7~8 m	
Space Between Lights	30~35m	
Materials	Aluminium Alloy	
Certificate	CE / ROHS / IP66/TUV-SUD ISO9001/ ISO14001	
Warranty	3 years	
Packing & Weight	Product Size	550*285*85mm
	Net Weight	8.0 kg
	Carton Type	Customary Carton/ OEM Acceptable
	Carton size	620*340*120mm
	Qty/ctn	1 pcs/CTN
	GW. per Carton	9.0 kg
PCS per Container	20' GP	1090
	40' GP	2530

# LED SOLAR STREET LIGHT (All in 2) TECHNICAL SPECIFICATIONS



		<p>Connected to External Solar PV with MC4 plugs</p>
ALL IN 2 Series		MODEL NO. ISSL-AI2-100W
External Solar Panel	Adaptable Voltage	DC18~55V
	Charging Current	≤15A
	Recommended PV:	18V/120~180Wp Crystalline Solar PV
	Max PV Power:	18V/180 Wp
Batteries	Capacity/Type	12.8V/42AH (537.60WH) Grade A LiFePO4
	Life-span	>8 years (DoD 60%>3,000 circles)
Controller	Type	MPPT 15A / Waterproof class: IP68
	Timer/Sensor	Timer for 5 sections/ motion sensor as optional
LED Light Source	Rated Power	48V/ 100W (60LEDsx2 Modules)
	LED Brand	PHILIPS 3030 (LED Lumen: 195lm/W)
	Lamp Lumens	10000~12200 lm
	Life-span	100,000 hours
	Viewing Angle	60x120°
Full Charge Time	By Solar	4 hours (with 135Wp Solar PV STC: 1000W/m <sup>2</sup> , 25°C )
Discharge Time	100% Bright Mode	>8 hours (at 12000LM Brightness)
	Programming	> 3 continual cloudy/rainy days
Working Temp.	-30°C~+80°C	
Color Temp.	Daylight White 5000±500K (Full range color temp. 2700~6500K available)	
Mounting Height	7~8 m	
Space Between Lights	30~35m	
Materials	Aluminium Alloy	
Certificate	CE / ROHS / IP66/TUV-SUD ISO9001/ ISO14001	
Warranty	3 years	
Packing & Weight	Product Size	550*285*85mm
	Net Weight	8.0 kg
	Carton Type	Customary Carton/ OEM Acceptable
	Carton size	620*340*120mm
	Qty/ctn	1 pcs/CTN
	GW. per Carton	9.0 kg
PCS per Container	20' GP	1090
	40' GP	2530

## LED SOLAR STREET LIGHT (All in 2) TECHNICAL SPECIFICATIONS



ALL IN 2 Series		MODEL NO. ISSL-AI2-180W
External Solar Panel	Adaptable Voltage	DC36V~55V
	Charging Current	≤15A
	Recommended PV:	36V/180~360Wp Crystalline Solar PV
	Max PV Power:	36V/200 Wp
Batteries	Capacity/Type	25.6V/24AH (614.40WH)Grade A LiFePO4
	Life-span	>8 years (DoD 60%>3,000 circles)
Controller	Type	MPPT 15A / Waterproof class: IP68
	Timer/Sensor	Timer for 5 sections/ motion sensor as optional
LED Light Source	Rated Power	48V/ 180W (60LEDs×3 Modules)
	LED Brand	PHILIPS 3030 (LED Lumen: 195lm/W)
	Lamp Lumens	18000~21600 lm
	Life-span	100,000 hours
Full Charge Time	Viewing Angle	60x120°
	By Solar	3 hours (with 200Wp Solar PV STC: 1000W/m², 25°C )
Discharge Time	100% Bright Mode	>6 hours (at 18000LM Brightness)
	Programming	>3 continual cloudy/rainy days
Working Temp.		-30°C~+80°C
Color Temp.		Daylight White 5000±500K (Full range color temp. 2700~6500K available)
Mounting Height		8~10 m
Space Between Lights		35~40m
Materials		Aluminium Alloy
Certificate		CE / ROHS / IP66/TUV-SUD ISO9001/ ISO14001
Warranty		3 years
Packing & Weight	Product Size	640*285*85mm
	Net Weight	10.0 kg
	Carton Type	Customary Carton/ OEM Acceptable
	Carton size	710*340*120mm
	Qty/ctn	1 pcs/CTN
PCS per Container	GW. per Carton	11.0 kg
	20' GP	950
	40' GP	2200