



SOLAR LED LIGHTING SYSTEM

LED Light Head

Model	UNSO2-7W-12VDC	UNSO2-15W-12VDC
Watts used	7.5Watts	14.8Watts
Luminous Flux	550lm	1050lm
Lifespan(Average)	>30 000 Hours	>50 000 Hours
System Power Usage	7.5Watts	15Watts

Solar Panel Specification

Model Number	15C	40C
Solar Panel dimension	L450xW290xH28mm (As Design)	L580xW550xH28mm (As Design)
Solar Panel Weight	2 Kgs	3 Kgs
Output Power	15W	40W
Open Circuit voltage	17.0V	17.5V
Max.Power Voltage	21.88V	21.8V
Max.Power Current	0.93A	2.47A

Battery Specification

Type of Batteries	GEL Deep Cycle Battery	GEL Deep Cycle Battery
Voltage	12V DC	12V DC
Capacity(Amp Hr)	12Ah	17Ah
Load Current-Amps	0.58A	1.25A
Amp Hours Used for 10 Hours	5.8A	12.5A
Batteries Weight	4Kgs	5.4Kgs
Batteries Dimensions	L151xW100xH97(As design)	L181xW77xH167(As design)

Solar System Controller

Type of Controller	Stand Solar Street Light controller
Required Amps	5Amp-12VDC
Build in Time	Auto Reset time from 1-12hours
Protection Function	Times, Light, Overvoltage, Stroke
Wight	0.5 Kgs

System function	10h/Day and 2days in Rainy/Cloud	
Steel Pole Height	Height 3M pole with Single Arm Hot Galvanization, painting	
Steel Battery Box	Include (Size as Battery)	
Panel Support Fixture	Include (Design as Panel Size)	
The Terms of Price:	FOB Shanghai	
Payment Terms:	50% T/T with order, 50% before loading	
Delivery Time:	Within 30days after deposit	
Guaranty Time:		
Solar Panel:	2 years (LIFESPAN: More than 20years)	
Battery:	1 year (LIFESPAN: 3-5years)	
Controller:	1year	
Light Head:	3 Years	
Light Pole:	3years	