

LTS-M SERIES Modularized LED Solar Street Light

LTS-M series are modularized LED solar street light that can be the fast , easy and cheap solutions to provide street-lighting in remote areas where no power or uneconomic to run cables. Available from 1 – 3 modules from 16 – 48W 1150 – 3450 lm for pole height 4-9 m .



Go green

Selamatkan bumi hemat energi

SPECIFICATION

TYPE	LTS-01M	LTS-02M	LTS-03M
<u>LED MODULES</u>			
Type	LM-1424VS	LM-1424VS	LM-1424VS
LED module nos.	1	2	3
System voltage	24VDC	24VDC	24VDC
LED consumption	16W	32W	48W
Illuminance	1150 lm	2300 lm	3450 lm
Light color	White 6000-7000K	White 6000-7000K	White 6000-7000K
Light distribution	120 x 60 °	120 x 60 °	120 x 60 °
<u>SOLAR PANEL</u>			
Type	Mono/Poly crystalline	Mono/Poly crystalline	Mono/Poly crystalline
Nominal voltage	24 V	24 V	24 V
Maximum power (P max)	50 WP	2x50WP or 100 WP	3x50W or 150 WP
Maximum power point voltage(Vmpp)	36 V	36 V	36 V
Maximum power point current(Imp)	1.5 A	3.0 A	3.0 A
Short circuit current (I sc)	1.6 A	3.28 A	3.28 A
Open voltage circuit(V oc)	44 V	44.6 V	44.6 V
Nett weight	± 5 kg	± 10 kg	± 15 kg
Dimension	670 x 655 x 32 mm	670 x 1200 x 50 mm	_____
<u>BATTERY</u>			
Type	Free Maintenance	Free Maintenance	Free Maintenance
Capacity	2 x 35AH 12V in series	2x50AH 12V in series	2x75AH 12V in series
Cycle	Deep cycle	Deep cycle	Deep cycle
<u>SOLAR CHARGER CONTROLLER</u>			
Control system	PWM	PWM	PWM
Charging capacity	8A	8A	8A
Voltage system	24V	24V	24V
Self consumption	4mA	4mA	4mA
Display	Multi function LED display	Multi function LED display	Multi function LED display
Night light function	Automatic	Automatic	Automatic
Operational time	11 hours	11 hours	11 hours
<u>OTHERS</u>			
Pole type	Octagonal galvanized	Octagonal galvanized	Octagonal galvanized
Pole height	4 m	7 m	9 m
Thickness	2.8 ~ 3.2 mm	2.8 ~ 3.2 mm	2.8 ~ 3.2 mm
Box battery	Aluminium 1.5mm thickness with powder coating	Aluminium thickness 1.5mm with powder coating	Aluminium thickness 1.5mm with powder coating

Distributor :