

# MSSL100W | 100W Solar Street Light



Our street light systems are ideal for lighting streets, roads, carpark areas and perimeters. Built-in solar controller - set to run 100% for 6 hours then 70% for remainder of night Battery Capacity and type: 14.4 V Lithium Battery Charge Time with full sunshine: 3 Hours Light: SMD – Cool White 5K Light Coverage: Approximately 30m x 10m Pole spacing: 30m -35m. Pole Height 8m Hardware: Includes all steel bracketing, battery, light, solar panels, controller and all nuts and bolts required for installation. Pole not included.

Luminaire Power	100,00 W
Lumen	13 000
LED Type	SMD
LED Name	Philips Lumileds
Lens	PMMA
LED Temperature	5000K
Beam Angle	150deg/80deg
Coverage	320m <sup>2</sup>
CRI	>80
Battery Chemistry	Lithium-Ion
Battery AH	67Ah
Battery Wh	1 690
Battery Cycles	>2000
Panel Total W	360
Panel Voltage	54V
Panel Current	6.67 A
Controller Type	MPPT SmartLED
Controller Size	15A
Controller Program	6hrs 100%, 7hrs 70%
Controller Protections	Over-Charge, Over-Discharge, Temp Compensation
Controller Sensor	Built-in Day/Night Sensor
Operating Temp	-10 to 45 deg C
IP Rating	IP68
Mounting Height	8m
Pole-to-Pole	30-35m
Pole Top Size	127
Power Box Type	MB-67-T
Steel Description	High Quality Galvanized
Warranty	3 Years
Pole or Base	Not Included

