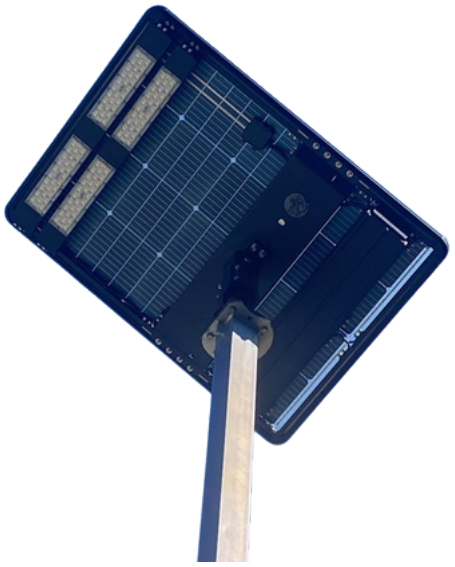
LDC
EQUIPMENT
SALES | HIRE | RENTAL



PORTABLE STREET LIGHTING

admin@ldcshr.com.au

(07) 5529 1188

ldcshr.com.au

LIGHT SPECIFICATIONS

Specifications	
Solar Panel Type	Bifacial solar panel
Maximum Power (Pmax)	175W
Frame Material	Aluminium + Stainless (anti-rust)
LED Light Characteristics	
Power	100W
Lumen	20,000lm
Light Efficacy	200lm/w
LED Chips	Philips 5050
Colour Temperature	600K
Beam Angle	Type III
Lifespan	>50,000H
CRI(Ra)	>70
Controller	
Controller Type	MPPT
BMS Included	Yes
Including Photovaltic Sensor	Yes, it can work from dusk to dawn automatically
Working Mode	1st Hour: 100% 2nd Hour: 80% 3-4th Hour: 60% Then: 25% brightness to dawn. You can choose different working mode before delivery
Battery Information	
Battery Type	Lithium-ion 18650
Battery Voltage	12V
Battery Rating (AH)	104AH
DoD% of Battery Set with the Controller	Yes, we have battery low-capacity protection. Minimum 20% safety margin for battery. i.e. 80%DoD (we have this function)
Battery/Controller Replaceable	Yes
IP Rating of compartment where battery & controller are situated	Battery IP66 Controller IP68
Charge Duration	7-9 Hours
Discharge Duration	5-7 days @ dimming mode
Other	
Spigot Inner Diameter	80mm
Total light dimensions	Approximately 106 x 83 cm
Net Weight of Light	37kg
Motion Sensor	20-25m detective distance
Smart Tech	ASW 3.0 Patent technology can allocate the power in different weathers or in different seasons, it can prolong illumination time, enhance the customer experience

admin@ldcshr.com.au

(07) 5529 1188

ldcshr.com.au