

Product Name	Solar LED Street Light driver card with in-built Solar charge controller ( <b>Card size: 95mm x 65mm x 28mm</b> )
System features	<ul style="list-style-type: none"> <li>- Automatic dusk to dawn / 6hr / 4hr operation after sunset</li> <li>- LED dimming after 6hr / 4hr operation after sunset</li> <li>- Solar panel dirty indication</li> <li>- Battery overcharge/deep discharge protection</li> <li>- Battery and solar panel reverse polarity connection protection</li> <li>- LED Array Open / Short circuit protection</li> </ul>

## Technical Specifications

LED driver models	9W, 12W, 15W, 18W, 20W, 25W, 30W, 35W, 40W, 45W
Battery voltage	12V
LED driver Voltage range	16V to 37V (factory set)
LED driver Current range	Max 2000mA (factory set)
Solar charge controller rating	SSL 9W – 15W: 12V 5A
	SSL 18W – 35W: 12V 8A
	Above 35W: external Charge controller to be used
Maximum solar panel voltage:	25 Volts
LED Driver efficiency	>90% (Battery to Load)
No load current	Approx. 10 mA
LED light operating Voltage Range	10.8V -15 V DC
Load cut-off voltage for battery deep discharge protection	10.8 V
Humidity Range	0 to 95% (non-condensing)
Temperature range	0 to 60 °C
Product Warranty	2 Year against manufacturing defect

\*In process of product improvement, product specifications can change without notice