



## Technical Specifications: Solar High Mast Lights

ModelNo.	CIISHM72W	CIISHM96W	CIISHM120W	CIISHM144W
LED Luminaire Type	4X18W LED	4X24W LED	4X30W LED	4X36W LED
Solar PV Module (Power)	4X100 Wp	4X125 Wp	4X200 Wp	4X225 Wp
Battery Capacity @ C/10	4X75 AH	4X100 AH	4X120 AH	4X150 AH
Pole	G.I. Galvanized MS (7meter)		G.I. Galvanized MS (7meter + 1 meter)	
Voltage	12V			
Charging Type	PWM			
Cell	High efficiency Multi Crystalline silicon cells			
Rigidity	Designed to with stand tough environment conditions			
Battery Box	100% Acid Proof / Polymer Battery Box / Metal Box			
Charging Efficiency	<96%			
Self Discharge	<2% per month at 27°C			
LED Luminiare	Asperr equirement			
Driver Efficiency	92%			
World Class LEDs	from Japan/Germany			
Lumen Efficiency / Watt	> 120 Lumen/w			
Rated Lamp Life (Avg.) hrs	More than 50,000 hrs			
IP Class	IP 65/67			
Humidity	95%			
Power Factor	01			
Operating Temperature	-15°C to + 80°C			
Dimmer	Programmable (Micro-Controller Based)			
Autonomy	3 Days			
Protection	Open Circuit, Short Circuit Protection for Lamp, Over Charge & Deep Discharge Over load, Reverse polarity, Reverse Flow			
Indicators	Green Charging, Red Low Battery			
Product Warranty	5 Years Warranty complete System / **			

Note : Also available on demand model 300W and 500W with 20Ah battery and 10W PV module.

Extra Features street light with camera, remote control, GPS system control, WiFi.

\*\* More than 5 Years warranty on customers demand.