18W   **20W**   **25W-30W**

Technical Specifications: All In One Solar Street Light			
Model No.	18W LED	20W LED	25W LED	30W LED

Physical Parameters				
Power of PV module (W)	50Wp	60Wp	75Wp	75Wp
Lithium Battery Capacity (1 Day - 1.5 Days)	Li-ion 11.1V/19.8AH Li-FePO4 12.8V/18AH	Li-ion 11.1V/23.4AH Li-FePO4 12.8V/21AH	Li-ion 11.1V/26AH Li-FePO4 12.8V/24AH	Li-ion 11.1V/32AH Li-FePO4 12.8V/28.5AH
Lithium Battery Capacity (2 Days)	Li-ion 11.1V/28.6AH Li-FePO4 12.8V/24AH	Li-ion 11.1V/33AH Li-FePO4 12.8V/27AH	Li-ion 11.1V/39AH Li-FePO4 12.8V/34.5AH	Li-ion 11.1V/48.4AH Li-FePO4 12.8V/42AH
PIR Sensor	Provided	Provided	Provided	Provided
Net Weight of Product (Kg)	13.5kg	15kg	19kg	22kg
Dimension of Product (mm)	710 (L) x 517(W) x 43(H)	900(L) x 560(W) x 43(H)	1050(L)x 560(W) x 43(H)	1050(L)x 560(W) x 43(H)

Driver Parameters				
Charge Controller Type	PWM	PWM	PWM	PWM/MPPT
LED Driver Efficiency	>90%	>90%	>90%	>90%

Light Parameters				
Colour Temperature	5500K-6500K	5500K-6500K	5500K-6500K	5700K
Typical Luminous Flux (Lm)	1800	2000	2500	3750
Light backup Time (1 Day - 1.5 Days)	16Hr-17Hr	17Hr-18Hr	15Hr-16Hr	15Hr-16Hr
Light backup Time (2 Days)	23Hr-24Hr	23Hr-24Hr	23Hr-24Hr	23Hr-24Hr

Packing parameters				
Dimension Of carton	920(L) X 580(W) X 150(H)	1120(L) X 640(W) X 150(H)	1250(L)x 640(W) x 150(H)	1250(L)x 640(W) x 150(H)
Gross Weight of Product (Kg)	16.8Kg	20.8kg	23Kg	25Kg

Mounting Recommendations				
Top of Pole OD (mm)	70mm-76mm	70mm-76mm	70mm-76mm	70mm-76mm
Recommended Installation Height (Mtr.)	5Mtr. - 6Mtr.	5Mtr. - 6Mtr.	5Mtr. - 6Mtr.	5Mtr. - 6Mtr.

Protection Provided				
All In One Protections	Battery deep discharge protection, Over charge protection, Load open Protection, Charging and battery indication, Reverse current flow protection, Temperature compensation, Short circuit protection			
All In One Operation	Light will glow in full bright mode for first 4Hrs., After 4Hrs. Light will Dim to 33% power and motion sensor will activate for detection of motion. If any motion is detected in 12M area around the Light, then it will glow in full mode for 2min., After that it will again come to 33% Power.			

Note: Subject to errors and technical modifications within the scope of product improvement