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LED SERIES

MARATHON SOLAR 90 LED SOLAR STREETLIGHT



Technical Specifications

MODEL	STR2020-200 STR2020-201	STR2020-110
Type	MARATHON 90 (Double Head)	MARATHON SOLAR 90 (Single Head)
Light source	90x1W high power LEDx2	90x1W high power LED
Color temperature	2000K±200K; 6500K±500K	
Luminous flux	5860Lmx2	5860Lm
Average Illumination	22Lux/7m	
Area of Illumination	±12m (39.36 ft)	±10.5m (36 ft)
Input voltage,frequency	100-240V AC,50/60Hz	NA
LED operating current	24V DC	
Total LED power	114WX2	90W
Installation tube diameter	NA	
Peak wattage of solar module	NA	330Wp
Working	-30°C-+40°C	

Environment

STR2020-201

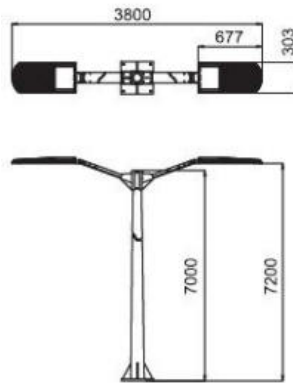
Battery:
Maintenance free battery
100AH/24V 10 Hours per
day / 5 days
total running time on a
fully charged battery.
(Typical)

Note

The Auto Switching
Technology(AST) sensor is
located on the
adjoining bracket between
the pole coupler and the
LED fixture.
AST works by Auto
Switching "turning on" the
High Power LED
Street Light when the
luminance of sunlight is
lower than 13 LUX
and off again when a LUX
factor greater than 13 is
sensed.
AST=Automatic Switching
Technology

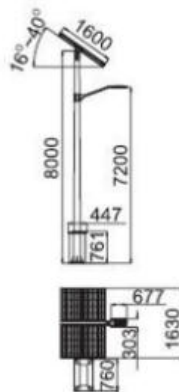
Specially designed
controller:
1. Light Control
2. Over Charge
Protection
3. Over Discharge
Protection
4. Auto Switching to
Mains
(when battery falls below
a predetermined level)

Dimensions of Framework



STR2020-200

STR2020-201



STR2020-110

**DUE TO CONTINUOUS IMPROVEMENTS, SPECIFICATIONS MAY
CHANGE WITHOUT PRIOR NOTICE.**