



1-Feb-13

GENERAL		
PRODUCT	BLINKER 12 Hrs Operation D2D	BLINKER 24 Hrs Operation
APPLICATION	OUT DOOR	OUT DOOR
WORKING TEMPERATURE	5°C TO +50°C	5°C TO +50°C
WORKING HUMIDITY	10% TO 90%	10% TO 90%
LED DATA		
LED TYPE	5MM ROUND	5MM ROUND
LED PANEL SIZE	12" (300mm) DIA	12" (300mm) DIA
NO OF LED	140 PCS	140 PCS
COLOUR	RED/YELLOW	RED/YELLOW
LUMEN EFFICIENCY	30 To 40 LUMEN/WATT	30 To 40 LUMEN/WATT
DISPERSION ANGLE	55 To 60 DEGREE	55 To 60 DEGREE
COLOUR TEMPERATURE	2000 To 4000 °K	2000 To 4000 °K
CRI	>75	>75
ELECTRICAL DATA		
NOMINAL INPUT VOLTAGE	12V DC OPERATED	12V DC OPERATED
INPUT CURRENT WHEN LED ON	< 1A	< 1A
TOTAL LED POWER	10W	10W
ELECTRONICS EFFICIENCY	80%	80%
CHARGE CONTROLLER SPECIFICATION		
BATTERY LOW CUT OFF VOLTAGE	10.7V(±0.3V)	10.7V(±0.3V)
BATTERY RECONNECT VOLTAGE	11.3V(±0.3V)	11.3V(±0.3V)
OVERCHARGING CUT OFF VOLTAGE	13.8V(±0.3V)	13.8V(±0.3V)
CHARGING RECONNECT VOLTAGE	13.4V(±0.3V)	13.4V(±0.3V)
LOW BATTERY INDICATION	RED LED	RED LED
CHARGING INDICATION	GREEN LED	GREEN LED
BATTERY SIZE	12V/26AH SMF	12V/26AH SMF
SOLAR MODULE SPECIFICATION		
SPV	30 Watt	40 Watt
MECHANICAL DATA		
FIXTURE MAKE	METAL SHEET	METAL SHEET
IP RATING	IP 53	IP 53
POLE HEIGHT	4 METER	4 METER
DIMENSION	420 X 400mm	420 X 400mm
WEIGHT (BLINKER WITH POLE)	42Kg	45Kg
WEIGHT (BLINKER WITHOUT POLE)	25Kg	25Kg