

LITSUN Specification Of 1.5Watts Solar Lantern

GENERAL

MODEL NO	LIT1.5WSL
APPLICATION (INDOOR/OUTDOOR)	INDOOR / OUTDOOR
LUMINOUS FLUX	>300 LUMENS
LAMP WATTAGE	1.5 WATTS
FIXTURE MAKE	ABS
WEIGHT	1.4KG
WORKING TEMPERATURE	-5°C TO +50°C
WORKING HUMIDITY	10%-90% RH
LED TYPE	HIGH POWER LED
LED MAKE	NICHIA / CREE / SEOUL
LUMEN EFFICACY	80 - 120 LUMENS/WATT
DISPERSION ANGLE	90 - 120 DEGREE
COLOUR TEMPERATURE	5500K - 6700K
CRI	>70



ELECTRICAL DATA

INPUT VOLTAGE	6V DC OPERATED
INPUT CURRENT	0.5 A
INPUT POWER CONSUMPTION	3 W (±10%)
OUTPUT VOLTAGE	9.4 V
OUTPUT CURRENT	0.275A
OUTPUT POWER	2.6W (±10%)
ELECTRONICS EFFICIENCY	>85%
INTEGRATED CHARGE CONTROLLER	
BATTERY LOW CUT OFF VOLTAGE (LVD)	5.7V (±0.1V)
BATTERY RECONNECT VOLTAGE (LVR)	6.0V (±0.1V)
OVER CHARGING CUT OFF VOLTAGE (HVD)	7.2V (±0.1V)
CHARGING RECONNECT VOLTAGE (HVR)	6.5V (±0.1V)
LOW BATTERY INDICATION	RED LED
CHARGING INDICATION	GREEN LED
BATTERY SIZE	SOLAR MODULE
6V, 4.5Ah	3W PANEL