



TECHNICAL DATA SHEET OF SOLAR LANTERN – MODEL IIA/SGL7/1210

ELCTRONICS

Wave form type	: Quasi sine wave
Crest factor	: 1.49
Frequency	: 25.56kHz
Efficiency	: 83.3%
Pre-heating arrangement	: Provided
Idle current	: 0.2mA
PCB installation	: Solder free
Battery temperature compensation	: Provided

LAMP

Make	: Osram or any equivalent make
Power	: 7W
No. of pins	: 4 pins
Mounting configuration	: Base Up
Light output prior to 1000 on/off cycles	: 381 lumens
Light output after 1000 on/off cycles	: 374 lumens

BATTERY

Make	: Any approved manufacturer make
Type of battery	: SMF
Capacity at C/20 discharge rate at 12V	: 7 Ah
Percentage of rated capacity between low and high voltage cut-off	: 80%

MODULE

Make	: Sungrace
Type of module	: Mono/poly crystalline silicon
Watt Peak	: 10Wp
Voltage	: 12 v

PROTECTION & OTHER FEATURES

No load protection	: Provided
Short circuit	: Provided
Reverse polarity	: Provided
Reverse flow protection	: Provided
Low voltage cut off	: Provided
Load reconnect	: Provided
Over charge cut off	: Provided
Module reconnect	: Provided
Indicators	: Provided
Switch and Cable	: Provided