

# Sistema de Iluminación

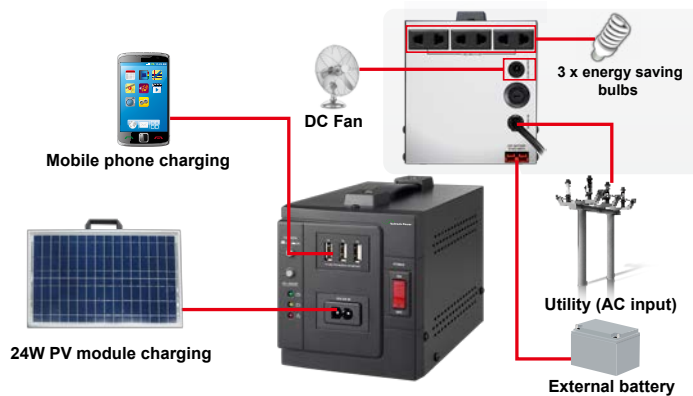


SOLAR LIGHTING SOLUTION



- 70W DC UPS
- 3 sets DC-powered outlets for energy saving bulbs
- 1 x 12V DC output connector for DC fan
- Accept either PWM solar charger or AC charger
- Optional 3 x 5V USB charger ports for mobile phones
- Off mode charging
- Overload protection in battery mode and short circuit protection
- 3-step charging design for extended battery life
- Optional lamp holder with 2m cable

**Devices:**



## SolaPalm Lighting Solution Specification

MODEL		SolaPalm 70
CAPACITY		70 W
PV INPUT		
Maximum PV Array Open Circuit Voltage		30 VDC
Maximum Solar Charging Current		2 A
AC INPUT		
Nominal Voltage		230 VAC
Nominal Frequency		50/60 Hz (Auto sensing)
OUTPUT		
2-pin Sockets	Output Voltage (AC Mode)	230 VDC
	Output Voltage (Batt. Mode)	160-230 VDC ± 10%
	Waveform (Batt. Mode)	DC Output
DC Connector		12VDC 2A x 1pc
USB Charger (option)		5VDC 1A x 3pcs
BATTERY & CHARGER		
Battery Type and Numbers		12V 7Ah x 1 (Optional external battery)
Battery Voltage		12 VDC
Floating Voltage		13.7V ±1.5%
Shutdown Voltage		11V
Typical Recharge Time		8 hours recover to 90% capacity
Total Charging Current*		1 A or 2 A (Selectable)
PROTECTION		
Full Protection		Overload Protection and short circuit protection
PHYSICAL		
Dimension, D x W x H (mm)		229 x 110 x 123.5
Net Weight (kgs)		3.8
OPERATING ENVIRONMENT		
Humidity		0-90 % RH @ 0- 40°C (non-condensing)
Noise Level		Less than 40dB

\*Total charging current includes solar charger and AC charger.  
Product specifications are subject to change without further notice



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