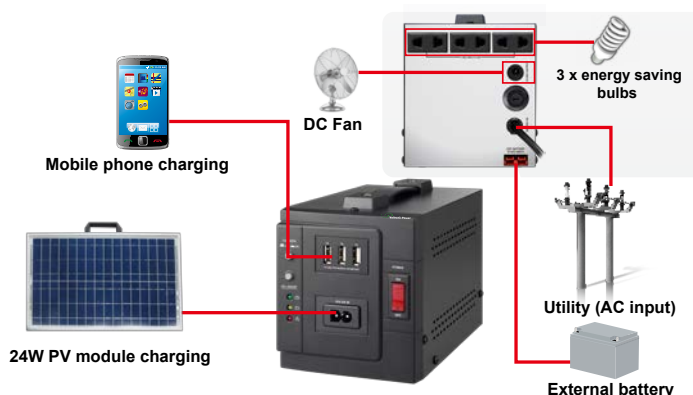


SolaPalm



- 70W DC UPS
- 3 sets of DC-powered outlets for energy saving bulbs
- 1 x 12V DC output connector for DC fan
- Accepts 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 to extend 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 $\pm$ 10%
	Waveform (Batt. Mode)	DC Output
DC Connector		12VDC 2A x 1pcs
USB Charger (optional)		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 $\pm$ 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
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.