

Ammini Solar introduces portable, reliable, flexible and affordable solar power pack- i-Green which redefine the concepts of portable power, with unlimited applications. Powered by a Solar module and a rechargeable battery, i-Green provides up to 150 VA of AC power. It can operate a wide range of DC products and also comes with a built-in standby light.

The AC outlet of i-Green can run appliances like 14" colour TV, hand-held game, laptop and lamps.

The built-in standby light with a run time of 16 hours is useful during an extended power outage, a weekend camping trip or when attending a car at night.

FEATURES

- Uses Non polluting, inexhaustible energy from the Sun
- Safe and easy to operate
- Excellent protections and indications
- Rugged and attractive body made of ABS plastic
- UV stabilised acrylic light diffuser
- Provides 12V DC and 230V AC output



TECHNICAL SPECIFICATION

Description	SPP-15090C	SPP-30180C	SPP-30180D	SPP-20180D	SPP-30181C	SPP-30181D	SPP-40181D
Application	Portable Solar Power generation						
Solar PV Module	15Wp Foldable	30Wp Foldable	30Wp Fixed	20Wp Fixed	30Wp Foldable	30Wp Fixed	40Wp Fixed
Battery Type	Sealed maintenance Free, Lead Acid (AGM)						
Battery Capacity	12V,8.6 Ah	12V, 17.2Ah (2 X 8.6Ah)					
Built-in Emergency Lamp	Provided with 9W CFL						
Built-in Charge controller	12V, 3A, Series Two step PWM (Microcontroller based), 40 Wp Max. SPV Module						
DC Outlet	Two outlets, 12V Typical, Each 2A Max						
AC Outlet (Built-in inverter)	Not Provided				230V, 50Hz 150VA Max. Provided		
Fixing	Table Top						
Case	Injection Molded Engineering Plastic (ABS)						
Size (Un packed)(L X W X H)	275 X 110 X 245 mm						
Size (Shipping)	320 X 165 X 290 mm						
Weight (Shipping)	6.0 Kg	10.0 Kg	12.0 Kg	11.0 Kg	13.0 Kg	14.0 Kg	

ORDERING INFORMATION

Ordering Code	Model	PV Module	Battery	Inverter
037-001	SPP-15090C	15 Wp, Foldable	12V 8.6 Ah VRLA	Nil
037-002	SPP-30180C	30 Wp, Foldable	12V 17.2 Ah VRLA	Nil
037-003	SPP-30181C	30 Wp, Foldable	12V 17.2 Ah VRLA	150 VA
037-004	SPP-20180D	20 Wp, Fixed	12V 17.2 Ah VRLA	Nil
037-005	SPP-30180D	30 Wp, Fixed	12V 17.2 Ah VRLA	Nil
037-006	SPP-30181D	30 Wp, Fixed	12V 17.2 Ah VRLA	150 VA
037-007	SPP-40181D	40 Wp, Fixed	12V 17.2 Ah VRLA	150 VA
038-004	SPP-00090C	Nil	12V 8.6 Ah VRLA	Nil
038-005	SPP-00180C	Nil	12V 17.2 Ah VRLA	Nil
038-006	SPP-00181C	Nil	12V 17.2 Ah VRLA	150 VA

OPTIONAL ACCESSORIES

The following optional accessories are available and can be used with i-Green further extending the product functionality and features

Ordering Code	Model	Description
044-001	WF-300	DC Fan 12" (Wall mounting)
044-002	PF-300	DC Fan 12" (Pedestal)
044-003	TF-300	DC Fan 12" (Table top)
024-001	ILL-07123A	Indoor Lighting Luminary 7W (Wall Mounting)
024-002	ILL-09123C	Indoor Lighting Luminary 9W (Wall Mounting)
024-004	ILL-11123A	Indoor Lighting Luminary 11W (Wall Mounting)
024-009	ILL-10122A	Indoor Lighting Luminary 10W (Hanging)
039-003	MCA-12020A	Mains Charger Adapter 12V 2A
036-038	ASM-12015B	Solar PV Module 12V 15Wp (Foldable / Portable)
036-039	ASM-12030B	Solar PV Module 12V 30Wp (Foldable / Portable)
036-012	ASM-12020A	Solar PV Module 12V 20Wp (Non-Foldable)
036-013	ASM-12030A	Solar PV Module 12V 30Wp (Non-Foldable)
036-016	ASM-12040A	Solar PV Module 12V 40Wp (Non-Foldable)
056-032	MMS-S23ARA	Module Mounting Structure for Solar module 12V, 20Wp
056-033	MMS-S24ARA	Module Mounting Structure for Solar module 12V, 30Wp
056-049	MMS-S22ARB	Module Mounting Structure for Solar module 12V, 40Wp
068-155	Carrying Case	Synthetic leather carrying case for i-Green and SPV module
057-100	Cigarette Socket	Connector, CON-41 Rev0, Cigarette Socket, 50 cm

WHICH APPLIANCES, FOR HOW MUCH TIME?

AC Appliances that can be connected to 	Colour TV (14") 	Laptop Computer 	Table Fan 	Fax (inkjet) 	Table Lamp 	
	Wattage	50W	50W	60W	30W	25W
	Usable time	3.5 Hrs.	3.5 Hrs.	3 Hrs.	6 Hrs.	7 Hrs.
AC Appliances that can be connected to 	VCR / VCD 	Tape Recorder 	Radio 	Cordless Phone 	Telephone 	
	Wattage	40W	15W	5W	10W	10W
	Usable time	4.5 Hrs.	12 Hrs.	35 Hrs.	17 Hrs.	17 Hrs.
DC Appliances that can be connected to 	Black & White TV (14") 	DC Fan (12") 	Hanging Luminary 	Wall Mounting Luminary 	Wall Mounting Luminary 	
	Wattage	15W	15W	11W	12W	10W
	Usable time	12 Hrs.	12 Hrs.	16 Hrs.	15 Hrs.	18 Hrs.

Notes: 1. The above shown are the approximate usable duration, when the specified appliance only is connected to a brand new model of SPP-XX18XX (fitted with 12V, 18Ah battery), which is in full charge condition. Low battery disconnect is provided at 80% DOD typically.
2. The accessories whose photos / pictures shown in the above table, are not the standard accessories of our product.