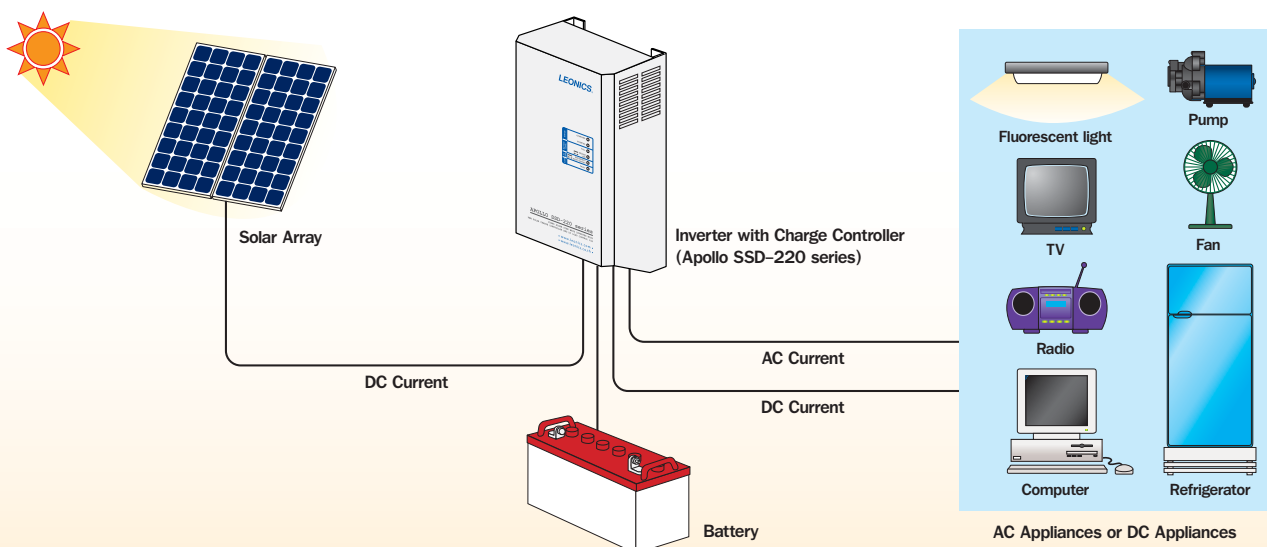


APOLLO SSD-220

STAND ALONE SINE WAVE INVERTER WITH PWM SOLAR CHARGE CONTROLLER AND DC LOAD CONTROL 10A



- High efficiency with microprocessor control
- Pure sine wave output
- Stable output voltage and frequency
- Full protection for overload, short circuit and over temperature
- Automatic shutdown and restart for highest energy saving at night.
- Automatic low battery shutdown to protect battery
- 3-step charging to provide quick and safe charging for battery
- AC and DC power output for AC and DC appliances
- Energy saving force air cooling fan
- One touch operation and LED display
- Wall mounted type
- ISO 9001 and ISO 14001 certified



Small AC solar electrification system is suitable for any areas where there is no utility power line. The system consists of charge controller and pure sine wave inverter in the same enclosure. The charge controller controls charging current from solar arrays to storage battery and the inverter converts DC from battery to AC to supply to AC appliances. Furthermore, It can supply maximum 10 A current to DC appliances. This system is suitable for guest houses, school, health center, research centers and remote government offices.

APOLLO SSD-220 series

STAND-ALONE SINE WAVE INVERTER WITH
PWM SOLAR CHARGE CONTROLLER AND DC LOAD CONTROL 10A

SPECIFICATIONS

MODEL			SSD-220A	SSD-221A
INPUT	Inverter mode	Nominal voltage	12 Vdc	
		Operating voltage range	11 - 15 Vdc	
	Charger mode	Nominal voltage	12 Vdc	
		Voltage range	0 - 23 Vdc	
OUTPUT	Inverter mode	Power continuous	150 VA / 150 Watt	300 VA / 300 Watt
		Max. surge power	200% of continuous power	
		Voltage	220 Vac – 1% (230 Vac option)	
		Frequency	50 / 60 Hz – 0.1% (crystal control)	
	Wave form	Pure sine wave		
	Charger mode	Nominal voltage	12 Vdc	
		Max. charging current	10 A	
	DC LOAD CONTROL		Nominal voltage	12 Vdc
		Maximum current	10 A	
		Protection	Over voltage disconnect and Short Circuit	
SYSTEM		Max. efficiency	> 80%	
		Low battery disconnect	10.3 - 11.5 Volt pre-adjust	
		Battery reconnect	12.5 Vdc	
PROTECTION			Over temperature / Overload / Short circuit / Reverse (PV) polarity / Transient voltage / Over charge / Over discharge	
INDICATOR	LED	Status	Charging (green) Inverter (green)	
		Battery level	Full battery (green)	
			Medium / Low battery (yellow)	
		DC load	Disconnect / Short circuit (red)	
	Alarm	Fault (red)		
	Buzzer		Under voltage / Over voltage / Low battery / Overload / Short circuit / High temperature	
VENTILATION		Fan control	Automatic speed control	
OPERATING CONDITION	Temperature		0 - 45°C	
	Relative humidity		0 - 95 % (Non - condensing)	
DIMENSION		W x H x D (approx.in cm.)	19.5 x 36 x 12.1	
WEIGHT		Approximate in kg.	8.3	

Continuous product development is our commitment. In that manner, the above specifications may be changed without prior notice.

Authorized Distributor:

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