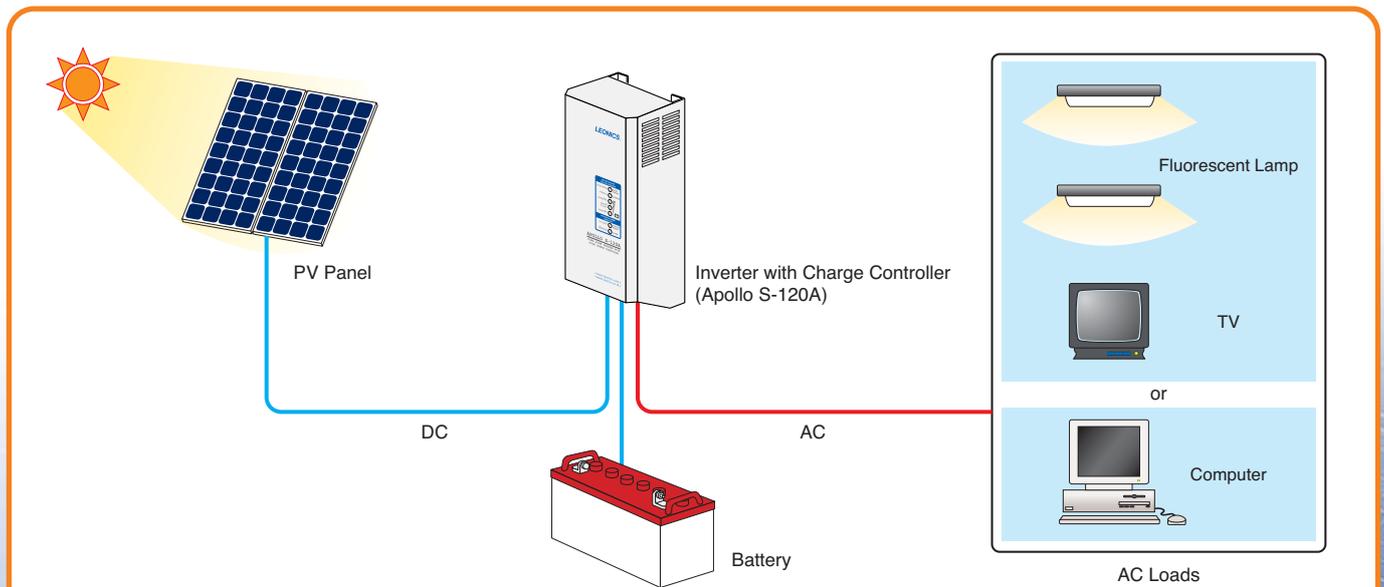


APOLLO S-120A

STAND-ALONE INVERTER WITH SOLAR CHARGE CONTROLLER



- High efficiency with microprocessor control
- Stable output voltage and frequency
- Full protection for overload and short circuit
- Automatic low battery shutdown to protect battery
- 10 A solar charger
- Quiet operation
- One touch operation
- Energy saving force air cooling fan
- Wall mounted type
- ISO 9001 and ISO 14001 certified factory



Solar home system is a stand-alone power generator system from solar energy, suitable for any areas where there is no utility power line. The system consists of charge controller and 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 loads.

This system is suitable for house, school or health center. It can use together with electrical equipments such as fluorescent with electronic ballast, television, radio, computer and etc.

APOLLO S-120A

STAND-ALONE INVERTER WITH SOLAR CHARGE CONTROLLER

SPECIFICATIONS

MODEL			S-120A
INPUT	Inverter mode	Nominal voltage	12 Vdc
		Voltage range	10 - 16 Vdc
	Charger mode	Nominal voltage	12 Vdc
		Voltage range	0 - 23 Vdc
OUTPUT	Inverter mode	Power continuous	150 VA / 150 Watt
		Max. surge power	200% of continuous power
		Voltage	220 Vac \pm 3% (230 Vac option)
		Frequency	50 Hz \pm 0.1% (crystal control) (60 Hz option)
		Wave form	Modified sine wave
	Charger mode	Nominal	12 Vdc
		Max. charge current	10 A
SYSTEM	Maximum efficiency		> 80%
	Low battery disconnect		10.3 - 11.0 Volt pre-adjust
PROTECTION			Over temperature / Overload / Short circuit / Reverse (PV) polarity / Transient voltage / Over charge / Over discharge
INDICATOR	Solar Charger	Status	Boost charge (green) Charging (green)
		Battery level	Full Battery (green) Medium Battery (yellow) Low Battery (red)
	Inverter	Status	Inverter normal (green) Alarm (red)
ALARM	LED		Low battery / Overload / Short circuit / Over temperature
VENTILATION	Fan		Automatic control
OPERATING	Temperature		0 - 45°C
CONDITION	Relative humidity		0 - 95% (non - condensing)
DIMENSION	W x H x D(approximate in cm.)		11 x 29.5 x 10
WEIGHT	Approximate in kg.		4.8

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

Authorized Distributor
LEONICS ESCO CO.,LTD.

29 Soi Bangna-Trad Rd 34, Bangna, Bangkok 10260 THAILAND
Phone: 0-2746-9500, 0-27468708 Fax: 0-2746-8712 e-mail : esco@leonics.com

▪ www.leonics.com ▪

Authorized Dealer