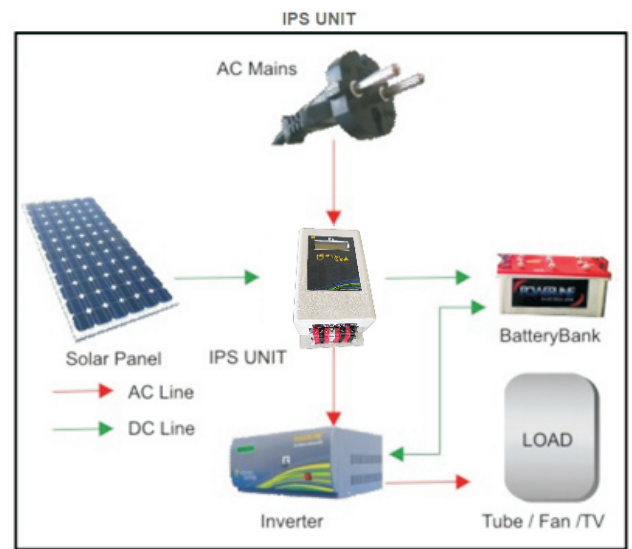


IPS

Convert your existing conventional Inverter/UPS in to Solar Power Conditioning Unit with the help of "Powerline" IPS



The Intelligent Power Selector (IPS) converts any conventional Inverter into a Solar Inverter.

With IPS Product Series we are targeting large customer base of existing installed home UPS & Inverters to convert them to Solar Inverter. Our IPS solution will assist in reducing electricity bills & ensure a dependable back up system, contribute proudly to clean environment. The product can be customized for many other applications beyond the Inverter. It is also a self-sufficient solar DC power system

By adding IPS to your normal inverter, you will get all the features of our smart solar inverter in your converted inverter system which can be used in home and street lighting applications.

The salient features include:

- Maximization of Solar Energy Harvest
- Higher Power Conversion Efficiency
- Universal Inverter / UPS compatibility
- Affordable Roof top solar system solutions
- Lower Electricity Bills
- Dependable back up system
- Integrated high efficiency solar charge controllers

It provides the facility to charge the battery bank either through Solar or Grid (Priority will be to Solar). The IPS continuously monitors the state of Battery Voltage, Solar Power output and the loads. When the Batteries are charged above a preset level, the Grid power supply to the IPS automatically cuts off from the system, in the presence of solar. The IPS is designed to give priority to solar power first and use Grid power only when the Solar power / Battery charge is insufficient to meet the load requirement. It switches to Grid charging automatically. Due to sustained usage of power, when the Battery Voltage falls below a preset level, the IPS transfers the load automatically to the Grid power and also charges the Batteries through the Inverter in-built Solar / Grid Charger.

Features

- 1) Display as well as LED to indicators to observe the working status, Solar Power generation (in watts), operations modes etc.
- 2) Maximum usage of solar power.
- 3) Effective Power Management.
- 4) Two Ways of Power Selection
 - a) Automatic Power Selection (Mains or Solar)
 - b) Manual Power Selection (For Mains Power)

Available Models



The Intelligent Power Selector Models:

Product	Battery Voltage (v)	Solar Charging Current (i)	Max Voc Per Pv Input (v)	Max Input Wp Per Input (wp)	Suitable for Inverter	Inverter Operating Voltage
SOL IPS1220	12.00	20.00	30.00	300	400,600,800va, 1Kva	12v D.C
SOL IPS1240	12.00	40.00	30.00	600	As above	12 v D.C
SOL IPS2420	24.00	20.00	50.00	500	1.5, 2 Kva	24 v D.C
SOL IPS2440	24.00	40.00	50.00	1000	As above	24 v D.C
SOL IPS3620	36.00	20.00	70.00	800	2.5,3,3.5 Kva	36 v D.C
SOLANA IPS3640	36.00	40.00	70.00	1000.00	As above	36 v D.C
SOLANA IPS4820	48.00	20.00	100.00	1000.00	2,2.5,3.5 Kva	48 v D.C
SOLANA IPS4840	48.00	40.00	100.00	2000.00	As above	48 v D.C
SOLANA IPS4860	48.00	60.00	110.00	3000.00	3.5 Kva	48 v D.C
SOLANA IPS9620	96.00	20.00	200.00	2000.00	3 Kva &	96 v D.C
SOLANA IPS9640	96.00	40.00	200.00	4000.00	Above system,	96 v D.C
SOLANA IPS12040	120.00	40.00	230.00	5000.00	On line UPS/INV	120 v D.C
SOLANA IPS12060	120.00	60.00	230.00	7000.00	On line UPS/INV	120 v D.C
SOLANA IPS14440	144.00	40.00	300.00	6000.00	On line UPS/INV	144 v D.C
SOLANA IPS14460	144.00	60.00	300.00	9000.00	On line UPS/INV	144 v D.C
SOLANA IPS18040	180.00	40.00	360.00	7000.00	On line UPS/INV	180 v D.C
SOLANA IPS18060	180.00	60.00	360.00	11000.00	On line UPS/INV	180 v D.C

Above models are available with MPPT Charge Controller also.

Protect Solar Charge Controller from direct Sunlight & Water.

Panel open circuit voltage should not to do be more than specified voltage

*Specification are subject to change without prior notice due to constant improvement in design & technology.

Authorised Dealer



**Vitronics
Controls**
An ISO 9001- 2008

|WORKS : Gokul Nagar, Kondhwa Bk., Pune – 411048 Maharashtra, India.

| Customer Care No : +91 - 20 - 26961311, Cell : +91 - 9404731535

| Website : www.vitronicscontrols.com

| E-mail : marketing@vitronicscontrols.com, vitronics_controls@yahoo.com