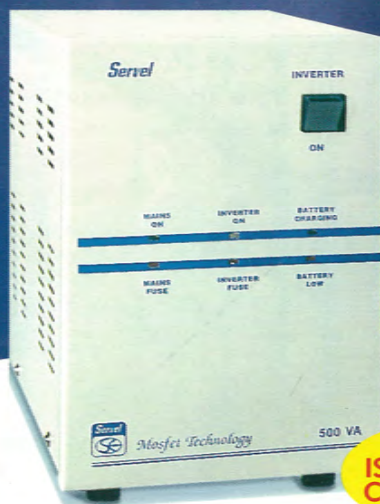


PEACE OF MIND

with
State-of-the-Art

Servel
INVERTERS



From
ISO 9002
Company

Fully automatic, noiseless - the state-of-the-art Servel inverter to provide you the instant power back-up.

Now you can get immediate control of your home, your office and most importantly your life.

Ensuring a total Peace of Mind.



SALIENT FEATURES

- ☑ MOSFET Technology
- ☑ PWM based
- ☑ Fully Automatic
- ☑ Compact, Noiseless & Fumeless
- ☑ Can be installed on mains
- ☑ Energy efficient
- ☑ Heavy Duty Charger
- ☑ Negligible loss of battery water
- ☑ Modular construction
- ☑ Battery charging at sustained low mains input voltage as low as 140V.
- ☑ Protection against
 - Overload
 - Short circuit
 - Deep discharge
 - Reverse polarity
 - Battery over current
- ☑ Auto recovery on removal of overloading
- ☑ Easily cater for high inrush currents of colour TV., Tube lights etc.
- ☑ Enhanced battery life due to controlled charging.
- ☑ Very fast change-over from mains to inverter and vice-versa.

(Due to continuous innovation and upgradation of the product, the specifications may undergo change without notice.)

SPECIFICATIONS

Mains input	: 160-270V, 50Hz. Can tolerate 140-300V
Output	: On Mains : same as AC input : On Battery : 220V \pm 5%
Wave form	: Modified sine-wave
Load power factor	: 0.8 lagging to unity
Protections against	: <ul style="list-style-type: none">• Overload• Short circuit• Overcharging• Deep discharge• Reverse polarity• Battery over current• High Voltage even up to 300V
Fuses	: i) AC Mains : ii) DC Battery line (internal)
Output Input	: 15A, 5 pin socket : 60A DC Terminal Block for Battery, 15 Amp. Cord for Mains
Switches	: Inverter ON/OFF
Ratings & Recommended Battery	: 500VA (12V System) 1 x 180 Ah : 1000VA (24V System) 2 x 180 Ah
Backup time	: 3-4 hrs. With fully charged battery. : About 6 hrs. On half load with fully charged battery. : Still higher backup can be obtained if load requirement is less or a battery of higher capacity is used.
LED indications	: (i) Mains ON : (ii) Mains fuse blown : (iii) Battery Low : (iv) Charger ON : (v) Inverter ON : (vi) Inverter DC fuse blown
Environment	
Temperature	: 0°C to 55°C.
Humidity	: 95% RH (maximum)
Cooling	: Natural Air



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