



High conversion efficiency

Active SHUNT **UPS** 101

for Office | Schools & Colleges | Hospitals

Saves approximately 35% - 40% of electricity bills using Intelligent Electronic Grid Compensation technique.

“Protects data, equipment & productivity”
from power fail, low voltage and high voltage.

Applications

Smart class, PCs, Server, Photo copiers, Printers, Lights, OHP, Camera, Fans, TV, Inverter AC etc.

Range

5KVA - 4 batteries / 6KVA - 6 batteries

7KVA - 6 batteries / 10KVA - 10 batteries

Works like an Online UPS,
without double conversion losses.

◆ Mains voltage conditioning

Extends the life of connected gadget by 35% in comparison to off-line UPS/inverters.

◆ Zero-change-over-time



www.ArviUPS.com

Specialised in industrial UPS since 1998

1Ø Input - 1Ø Output

CAPACITY	5 KVA	6 KVA	7KVA	10KVA
DC BUS	48 / 72V	72V	72V	120VDC

INPUT

Input Voltage	230V
Input Voltage Window	160-270V
Input Frequency	50Hz ± 10%

OUTPUT

Transfer time	Mains to Inverter	Zero msec		
	Inverter to Mains	Zero msec		
Voltage on Mains	220V ± 10%			
Voltage on Inverter	230V Single Ø ± 1%			
Power Factor	0.8 Lag			
Frequency on Inverter mode	50Hz ± 1 Hz			
Waveform on Inverter mode	Pure Sinewave			
Over Load Capacity	100% Continues-125% -1 Minute			
Transient Response	Remains within +/- 5% & recover to normal within 20 msec			
Nominal output current	17.4 A	20.84 A	24.34 A	34.8A
Mode of Operation	Designed for Continuous operation			

EFFICIENCY

Efficiency - On Inverter Mode	>85%
Charger Type	CVCC
Charging Current Standard	1A-20A
Higher charging current	Provided on request
Acoustic Noise level	<60db @ 1.5 meter
Operating ambient Temperature	0 to 40°C
Humidity	Up to 95% RH Non condensing
Altitude	<3000 Feet above sea level (without derating)

PHYSICAL

Enclosure Protection	IP-20			
Cooling	Forced Air			
Cable Entry	Back side bottom			
Dimensions in mm - D H W & Weight (Approximate)	510 x 540 x 200 45Kg	510 x 540 x 200 45Kg	510 x 540 x 200 50Kg	660 x 670 x 240 62 Kg
LED Indications	• Mains on • Charger on • Inverter on • Battery Low • Trip			
LCD Indications	• Input Voltage • Output Voltage • Battery voltage • Load Current			
Protections	• Advanced Electronic Protection for device safety, backed up with MCB's & fast acting fuses, high speed pulse by pulse electronic device protection • Over voltage/ under voltage protection • Over Temperature Protection • Battery deep discharge • Mains high & low cut • Short circuit & over load trip • High voltage transient protection & ESD protection			
Feature	Sinewave UPS with AVR for computer & Lighting load			
TESTING STANDARD	As per IEC 62040-3			

*Specifications are indicative to our standard models subject to change without notice.

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