







ISOLATION TRANSFORMER

Isolation Transformer, Copper 100%, SIA500-C

CAPACITY IN VA	INPUT VOLTAGE IN VOLT	EFFICIENCY % AT FULL LOAD	OUTPUT VOLTAGE IN VOLT
500	230	> 99%	230

Key Features & Benifits

-  Provide the high level of safety to different electrical & electronics appliances from power issues such as sags, spikes and surges.
-  Decrease the chances of current leakage thus improves power quality and increases the durability of equipment.
-  Beneficial in avoiding earth failures due to isolation in Neutral & Earth.
-  Enable noise reduction & improves the audio performance.
-  Avoid the risk of electrical shock.
-  Offer best solution for harmonic distortions.



APPLICATIONS

- ❖ Bio Medical Equipments
- ❖ Sophisticated Weighing Balances
- ❖ CNC Machines
- ❖ Online UPS

Technical Specifications

Model	SIA500-C
Capacity Rating	500VA
Input Voltage	230 V
Line Frequency	50 Hz \pm 1%
Output Voltage	230 V, or as desired in step-up or step-down mode
Output Socket Quantity	2 nos.
Output Socket Current Rating	6 Amp
Input Cord Length	1.5 meter
Output Wave Form	Sinusoidal
Harmonic Distortion	Less than 3% at full load and rated Voltage
Wave form Distortion	5% (approx) under full load conditions
Audible Noise	40 to 60 db
Efficiency	>99% (under full load condition)
Enclosure	Powder coated Siemens Grey, ventilated M.S. Cabinet
Transformer Type	Ratio 1:1 / Step-up / Step-down
Winding	Copper
Input / Output Isolation	Very high resulting in suppression of spikes, surges and transients.
Front Panel Display, Indications & Control	72mm Digital Voltmeter for Output Voltage LED for Input On/Off Switch for Input Off
Dimensions (in mm)	290x240x245
Weight (in Kg)	9.5
Ambient Temperature	Temperature :5 to 50°C
Relative Humidity	RH : 0-95% (Non Condensing)

Note: HPCS is continuously upgrading its products that may lead to change in specifications.

Manufacturing Unit :

Hindustan Power Control System,

10-P, Behind Sharda Dharam Kanta, Amausi Industrial Area, Nadarganj, Kanpur Road, Lucknow - 226008
T: +91-9235303561, +91-9235303562 | hpcs284@yahoo.com | www.hpcs.in

Registered Office:

Hindustan Power Control System, 284, Hind Nagar, Kanpur Road, Lucknow – 226012, U.P., India

ISOLATION TRANSFORMER

Isolation Transformer, Copper 100%, SIA1000-C

CAPACITY IN KVA	INPUT VOLTAGE IN VOLT	EFFICIENCY % AT FULL LOAD	OUTPUT VOLTAGE IN VOLT
1	230	> 99%	230

Key Features & Benifits



Provide the high level of safety to different electrical & electronics appliances from power issues such as sags, spikes and surges.



Decrease the chances of current leakage thus improves power quality and increases the durability of equipment.



Beneficial in avoiding earth failures due to isolation in Neutral & Earth.



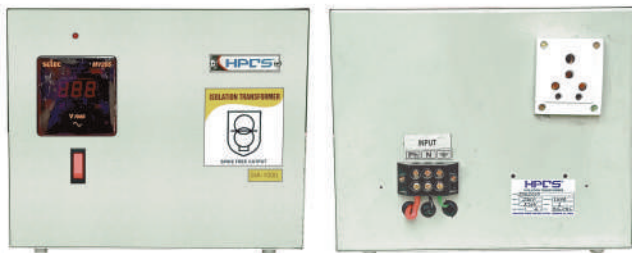
Enable noise reduction & improves the audio performance.



Avoid the risk of electrical shock.



Offer best solution for harmonic distortions.



APPLICATIONS

❖ Bio Medical Equipments ❖ Sophisticated Weighing Balances ❖ CNC Machines ❖ Online UPS

Technical Specifications

Model	SIA1000-C
Capacity Rating	1KVA
Input Voltage	230 V
Line Frequency	50 Hz \pm 1%
Output Voltage	230 V, or as desired in step-up or step-down mode
Output Socket Quantity	1 nos.
Output Socket Current Rating	16 Amp
Input Cord Length	Nil
Output Wave Form	Sinusoidal
Harmonic Distortion	Less than 3% at full load and rated Voltage
Wave form Distortion	5% (approx) under full load conditions
Audible Noise	40 to 60 db
Efficiency	>99% (under full load condition)
Enclosure	Powder coated Siemens Grey, ventilated M.S. Cabinet
Transformer Type	Ratio 1:1 / Step-up / Step-down
Winding	Copper
Input / Output Isolation	Very high resulting in suppression of spikes, surges and transients.
Front Panel Display, Indications & Control	72mm Digital Voltmeter for Output Voltage LED for Input On/Off Switch for Input Off
Dimensions (in mm)	290x240x245
Weight (in Kg)	17
Ambient Temperature	Temperature :5 to 50°C
Relative Humidity	RH : 0-95% (Non Condensing)

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ISOLATION TRANSFORMER

Isolation Transformer, Copper 100%, SIA2000-C

CAPACITY IN KVA	INPUT VOLTAGE IN VOLT	EFFICIENCY % AT FULL LOAD	OUTPUT VOLTAGE IN VOLT
2	230	> 99%	230

Key Features & Benifits

-  Provide the high level of safety to different electrical & electronics appliances from power issues such as sags, spikes and surges.
-  Decrease the chances of current leakage thus improves power quality and increases the durability of equipment.
-  Beneficial in avoiding earth failures due to isolation in Neutral & Earth.
-  Enable noise reduction & improves the audio performance.
-  Avoid the risk of electrical shock.
-  Offer best solution for harmonic distortions.



APPLICATIONS

- ❖ Bio Medical Equipments
- ❖ Sophisticated Weighing Balances
- ❖ CNC Machines
- ❖ Online UPS

Technical Specifications

Model	SIA2000-C
Capacity Rating	2KVA
Input Voltage	230 V
Line Frequency	50 Hz \pm 1%
Output Voltage	230 V, or as desired in step-up or step-down mode
Output Socket Quantity	Nil
Output Socket Current Rating	Nil
Input Cord Length	Nil
Output Wave Form	Sinusoidal
Harmonic Distortion	Less than 3% at full load and rated Voltage
Wave form Distortion	5% (approx) under full load conditions
Audible Noise	40 to 60 db
Efficiency	>99% (under full load condition)
Enclosure	Powder coated Siemens Grey, ventilated M.S. Cabinet
Transformer Type	Ratio 1:1 / Step-up / Step-down
Winding	Copper
Input / Output Isolation	Very high resulting in suppression of spikes, surges and transients.
Front Panel Display, Indications & Control	72mm Digital Voltmeter for Output Voltage LED for Input On/Off Switch for Input Off
Dimensions (in mm)	290x240x245
Weight (in Kg)	30
Ambient Temperature	Temperature :5 to 50°C
Relative Humidity	RH : 0-95% (Non Condensing)

Note: HPCS is continuously upgrading its products that may lead to change in specifications.

Manufacturing Unit :

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