

ISO-PUCK

Hospital Grade Isolation Transformers

WITH ISO-PUCK YOU MAY USE
COMMERCIAL ELECTRONICS - SAFELY!

ISO-PUCK HELPS YOUR IT STAFF MEET
REGULATORY ELECTRICAL SAFETY STANDARDS.

TOO MANY SAFETY ALARMS DURING SURGERY?



ISO-PUCK II

Product Features ISO-PUCK II series for 60Hz

- Two foot Input cord has a molded hospital-grade NEMA 5-15P plug
- Output cord chosen by customer to mate with imbedded IEC60320-C13 receptacle
- Green LED light indicates power on

Power Rating	Model	Diameter		Depth		Weight	
		In.	mm	In.	mm	Lbs	Kg
400 VA	IPII-400/60	5 3/4	130	2 3/4	70	8.5	3.9
800 VA	IPII-800/60	6 5/8	168	2 3/4	70	13	5.9
1200 VA	IPII-1200/60	8 1/4	210	3	76	22	10

Product Features ISO-PUCK II series for 50/60Hz

- Two foot Input cord with customer specified international plug
- Output cord chosen by customer to mate with imbedded IEC60320-C13 receptacle
- Green LED light indicates power on

Power Rating	Model	Diameter		Depth		Weight	
		In.	mm	In.	mm	Lbs	Kg
350 VA	IPII-350/50	5 1/8	130	2 3/4	70	8.5	3.9
650 VA	IPII-650/50	6 5/8	168	2 3/4	70	13	5.9
1000 VA	IPII-1000/50	8 1/4	210	3	76	22	10



ISO-PUCK I vs ISO-PUCK II Comparison

Free Shipping via UPS ground of evaluation samples of any ISO-PUCK model***

Feature	ISO-PUCK I		ISO-PUCK II	
	60HZ	50-60HZ	60HZ	50-60HZ
Input [VAC]	120V	230V/240V	120V	230V/240V
Output [VAC]	120V	230V/240V or 120V	120V	230V/240V or 120V
Power Rating [VA]	300,400,600,800,1000,1200,1500,2200,3000	350,650,1000,1200,1800,2500	400, 800,1200	350, 650,1000
Leakage Current [µA]	50µA MAX	100µA MAX	50µA MAX	100µA MAX
Thermal Protector	YES	YES	YES	YES
	Auto-resettable 110°C	Auto-resettable 110°C	Auto-resettable 110°C	Auto-resettable 110°C
Enclosure	Powder Coated Steel	Powder Coated Steel	Molded Polycarbonate	Molded Polycarbonate
Input Cord	2 ft*(0.6m) cord with NEMA 5-15P hospital plug	2 ft*(0.6m) cord with customer specified hospital grade plug**	2 ft*(0.6m) cord with NEMA 5-15P hospital plug*	2 ft*(0.6m) cord with customer specified hospital grade plug *
Output Imbedded Receptacle	NA	NA	YES IEC60320-C13	YES IEC60320-C13
Output Cord	2 ft*(0.6m) cord with customer specified receptacle**	2 ft*(0.6m) cord with customer specified receptacle**	2 ft*(0.6m) cord with IEC 60320 C-14 Plug at one end, customer specified receptacle** at the other end.	2 ft*(0.6m) cord with IEC 60320 C-14 Plug at one end, customer specified receptacle** at the other end.
Power ON Indicator	NA	NA	Green LED	Green LED

* 6ft, 10ft and custom lengths are available upon request

** Choice of domestic and international plugs or receptacles.

*** Samples returned within 30 days undamaged in original condition will receive full credit. Contact factory for RMA #.



ISO-PUCK I

Safety and Cost Benefits for Healthcare Facilities

The primary benefit of our ISO-PUCK series Isolation Transformers when installed between the wall outlet and electrically powered examination tables, chairs or electronic devices is increased safety of patients and staff in Patient Care Areas at hospitals, medical clinics, physician, podiatrist and dentist offices and other healthcare facilities.

A second benefit of installing ISO-PUCK medical grade isolation transformers, is that healthcare facilities can save money by purchasing commercial-grade computers, printers, video and TV monitors instead of the more costly medical grade models of such equipment. Regular commercial carts equipped with ISO-PUCK transformers comply with hospital safety standards.

With ISO-PUCK you may use Commercial Electronics - Safely!

ISO-PUCK reduces inherent leakage current from consumer grade electronics because its power is no longer ground referenced

ISO-PUCK Helps Your IT Staff Meet Regulatory Electrical Safety Standards

ISO-PUCK can be supplied with multi-outlets for IT projects in sensitive patient care areas

Too Many Safety Alarms During Surgery?

If your facility has installed line isolation monitors in surgery, ISO-PUCK can reduce the cumulative leakage current which can cause unwanted alarms.

International and European Compliance Benefits for OEM Manufacturers

The ISO-PUCK transformers are easily installed in rack carts or inside medical devices or other equipment that must comply with medical safety requirements. The ISO-PUCK is a quick and inexpensive solution to comply with European and International medical safety standards.



@60Hz FREQUENCY

Power Rating	Model	Diameter		Depth		Weight	
		In.	mm	In.	mm	Lbs	Kg
300 VA	IP-300/60	5 1/8	130	2 3/4	70	8.5	3.9
400 VA	IP-400/60	5 1/8	130	2 3/4	70	8.5	3.9
600 VA	IP-600/60	6 5/8	168	2 3/4	70	13	5.9
800 VA	IP-800/60	6 5/8	168	2 3/4	70	13	5.9
1000 VA	IP-1000/60	8 1/4	210	3	76	20	9.1
1200 VA	IP-1200/60	8 1/4	210	3	76	22	10
1500 VA	IP-1500/60	8 1/4	210	3	76	25	11.5
2200 VA	IP-2200/60	8 1/4	210	4	102	32	14.5
3000 VA	IP-3000/60	9	230	4 1/4	108	38	17.3

@50/60Hz FREQUENCY

Power Rating	Model	Diameter		Depth		Weight	
		In.	mm	In.	mm	Lbs	Kg
350 VA	IP-350/60	5 1/8	130	2 3/4	70	8.5	3.9
650 VA	IP-650/60	6 5/8	168	2 3/4	70	15	6.8
1000 VA	IP-1000/50	8 1/4	210	3	76	22	10
1200 VA	IP-1200/50	8 1/4	210	3	76	25	11.5
1800 VA	IP-1800/50	8 1/4	210	4	102	32	14.5
2500 VA	IP-2500/50	9	230	4 1/4	108	38	17.3

Electrical Hazards



In its bulletin No. 76BM, NFPA for the first time, recognized the increase of electrical hazards from the growing use of electronic diagnostic and treatment equipment. The major reasons for electrical accidents in hospitals and healthcare facilities are faulty equipment and wiring. It is not the line voltage, but the leakage current between electrical line and the ground that generates electric shock. The intensity of the shock depends on how much current is transmitted through the person's body. The threshold of perception for an average built adult is 1 mA (milliampere) of current, which would generate a slight tingling feeling through the fingertips. ISO-PUCK reduces leakage current on equipment used in patient care areas and allows you to meet regulatory standards for leakage current.

ISO-PUCK enhances electrical safety

ISO-PUCK reduces equipment leakage current as it is not ground referenced.

Please call our factory sales office to find out how we can help you make your working environment safer for your staff and patients.

Safety Standards Certifications

UL and CSA Standards, IEC and EN Directives, CE Marking

The enclosed transformers are certified to Medical Safety Standards UL60601-1, CSA STD c22.2 No. 601.1, . The design guarantees maximum 50-uA leakage current, well below the legal requirement of maximum 100 uA as specified by NEC (National Electrical Code) and UL 60601-1. The 50Hz models are certified to IEC60601-1 and EN61558-1 with CB Certification.

NFPA is the acronym of National Fire Protection Association who has acted as sponsor of the National Electrical Code (NEC) since 1911. The code is purely advisory as far as NFPA is concerned.

BRIDGEPORT MAGNETICS

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