

Saving precious lives... The safety behind the socket



MEDICAL EQUIPMENT ONLY



starkstrom
a *Progility* company
Powering Healthcare

The safety behind the socket

About Starkstrom

Starkstrom is a British company founded in 1971, which initially specialised in designing & building control panel equipment. The company has its own UK manufacturing facility and supplies

operating room & critical care equipment, both in the UK and overseas. From electrical safety to clinical infrastructure and consumable devices, Starkstrom, part of the Proglity

Group, is the leading manufacturer & supplier of cutting-edge equipment for medical facilities and has been trusted by hospitals for over 40 years.



IPM 400



EDS 400

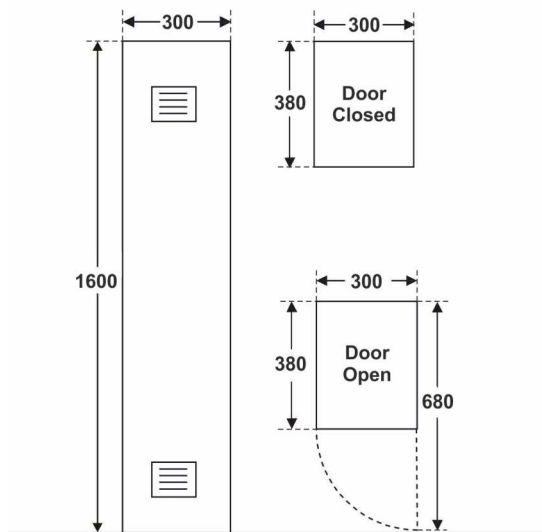
Isolated Power Supplies

- Isolated Power Supplies (IPS) provide safe electrical power for patients & clinical staff in the high care areas of a hospital. It also alerts the staff regarding surgical, monitoring & other equipment faults and provides continuity of supply.
- IPS systems consist of an isolation transformer, monitoring systems and outgoing distribution & remote alarm.
- Standards applicable to IPS installations include HTM06-01, HD 60364-7-710, BS 7671 :2008 (2011) Inc Corrigendum to section 710 and Amendment 2:2013.
- IPS systems are used in group 2 areas (also called clinical risk category 4 & 5) including operating theatres, ITU/HDU, neo-natal, haemodialysis and imaging rooms.
- IPS systems range from 6.3kVA - 10kVA. Typically, an operating


theatre will require an 8kVA unit & high care beds and each will require 2kVA units. Multiple beds can be served from a single IPS. Where the scheme permits, interleaving of final circuits to socket outlets should be considered.

IPS Models

IPS 6.3kVA	16 Circuits
IPS 8kVA	16 Circuits
IPS 10kVA	16 Circuits



Inbuilt Web Server for Remote Monitoring



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ALARMS

Monitor	Insulation	Max Load	Over Temperature
Alarms	IPM Connection	System Fault	Relay K1
System Setup	Digital Input 1		
	Digital Input 2		
	Digital Input 3		
	Digital Input 4		
	Circuit 1		
	Circuit 2		
	Circuit 3		
	Circuit 4		
	Circuit 5		
	Circuit 6		
	Circuit 7		
	Circuit 8		
	Circuit 9		
	Circuit 10		
	Circuit 11		
	Circuit 12		
	Circuit 13		
	Circuit 14		
	Circuit 15		
	Circuit 16		

Every IPS system is supplied as standard with:

- Remote viewing system status
- E-mail alarm notification
- Ability to modify alarm & circuit names with the TCP/IP Web Server

Isolated Power Supply:

- Are provided as single units for full compliance with HTM06-01's requirement for all IPS to be electrically & electronically independent
- Includes as standard the capability for the units to be remotely monitored & configured via the hospital intranet
- Are delivered fully assembled & tested, thus ensuring high quality and minimising onsite manual handling
- Have the smallest footprint in the industry, thus minimising plant space required to accommodate the equipment
- Have the lowest heat output in the industry, thus saving direct energy consumption and minimising the cooling required, where the equipment is in an enclosed space
- Are manufactured in India with the electronics (IPM 400/EDS 400) imported from Starkstrom UK
- Are maintained by Proglity Technologies

Remote Alarm Solutions (Optional)



Different Solutions for Critical Care & Operating Rooms

Starkstrom is a specialist medical company that can provide you with cutting-edge fully integrated operating room & critical care equipment. We have the expertise to design, manufacture & supply a technologically advanced, reliable & proven range of infrastructure

equipment for you that meets all the relevant medical standards required today. Our aim is to remove the complexity & any areas of uncertainty in these environments and provide you with a fully working & integrated solution.

Solutions Offered:

- Isolated Power Supplies (IPS)
- Theatre Control Panel
- PACS Viewing Stations
- AV solutions for OT, Open OR & U-OT

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