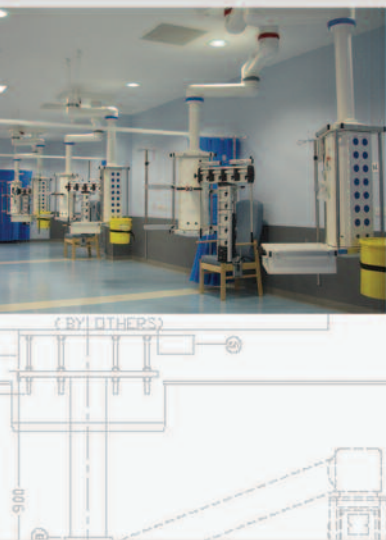


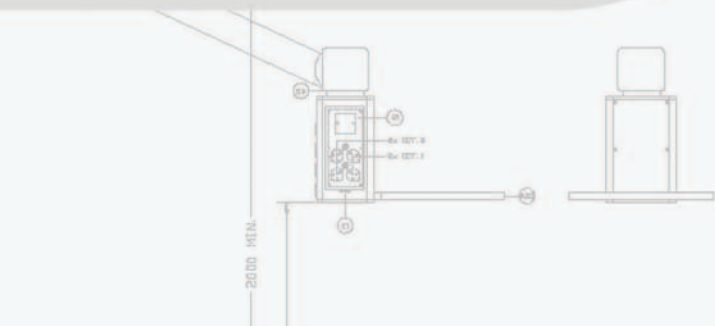


STARKSTROM

isolated power supplies



VAC OUT-GOING FEED TO FINAL SOCKETS
4mm 2x 0.75mm SCREENED
230VAC TO COMMON ALARM TO ALARM PANEL
2 x 0.75mm SCREENED
COMMON ALARM (vF) FROM BYPASS PANEL
2 x 0.75mm SCREENED
COMMON ALARM TO BMS
4mm 2x 0.75mm SCREENED



Excellence & Innovation in Medical Engineering

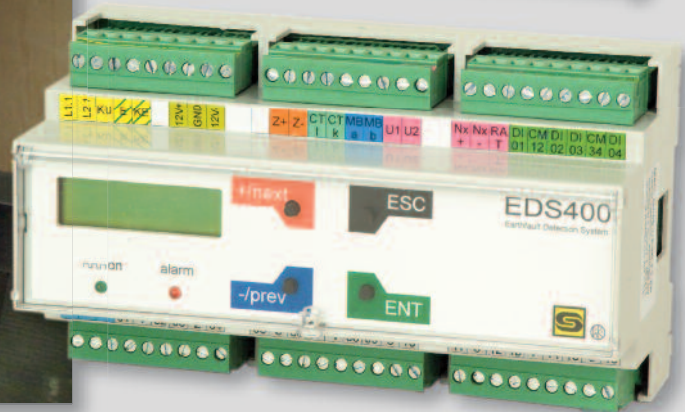
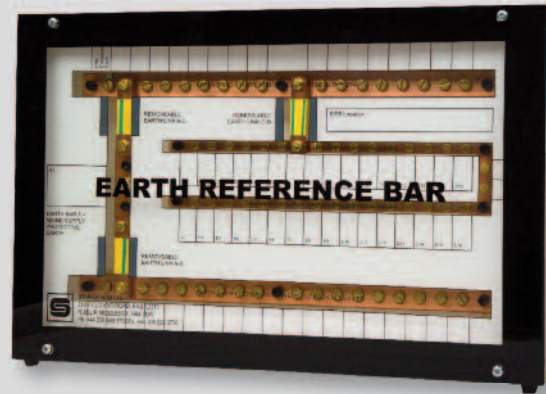


isolated power supplies



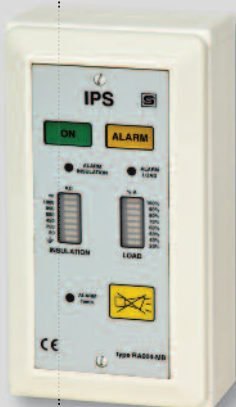
IPS

- Isolated Power Supplies (IPS) provide safe electrical power for patients and clinical staff in the high care areas of a hospital. It also alerts the staff of surgical, monitoring and other equipment faults and provides continuity of supply.
- IPS systems consist of an isolation transformer, monitoring systems and outgoing distribution.
- Standards applicable to IPS include HTM06-01, MEIGaN 2 and IEC60364.
- IPS systems are used in group 2 and category 4 and 5 areas, including operating theatres, ITU/HDU, neo-natal and imaging rooms.
- IPS systems range from 4kVA – 10kVA. Typically an operating theatre will require an 8kVA unit and high care beds will each require 2kVA. Multiple beds can be served from a single IPS. Where the scheme permits, interleaving of final circuits to socket outlets should be considered.
- The standards require use of Earth Reference Bars and clean earth blue sockets to assist in ensuring the required safety levels are met.



Starkstrom IPS:

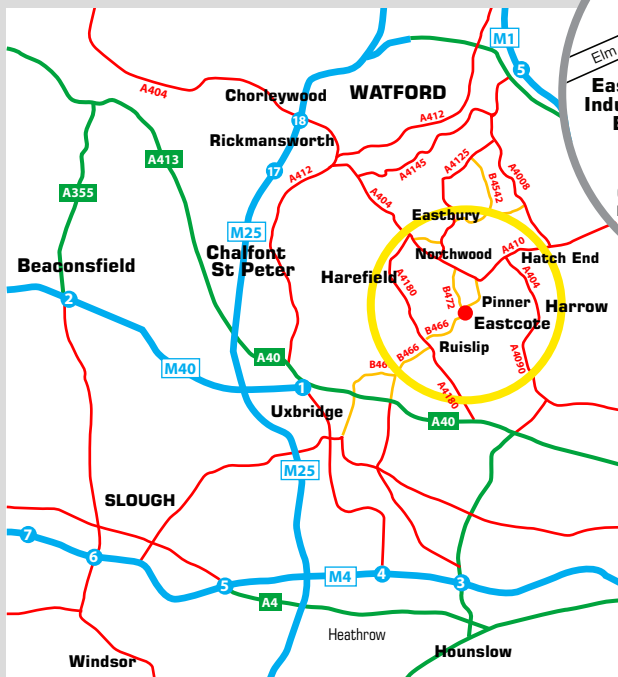
- Are provided as single units, for full compliance with HTM06-01's requirement for all IPS to be electrically and electronically independent.
- Includes as standard the capability for the units to be remotely monitored and configured via the hospital intranet.
- Are delivered fully assembled and tested 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 minimising the cooling required where the equipment is in an enclosed space.
- Are manufactured in the UK.
- Are maintained by Starkstrom.





British Company

- Clinical Lighting / Cameras and Battery Backups
- Media Solutions / Audio Visual Systems / Cameras and Monitors
- Clinical Medical Gas Pendants / Beams
- Operating Tables
- Interdepartmental Patient Transfer Units
- Surgeons Theatre Control Panels (Touchscreen / Membrane / Stainless Steel)
- PACS Viewing Stations
- Isolated Power Supplies (IPS)
- Uninterruptible Power Supplies (UPS)
- Ultra Clean Ventilation Canopies / Laminar Flow
- Equipotential MEIGaN Compliant Earth Reference Bars / Equipotential Earth Sockets / Clean Earth Blue Sockets
- Illuminated Warning Signs
- Medical Consumables
- Time of Day / Elapsed Time Clock Systems
- Maintenance and Support



STARKSTROM

256 Field End Road Eastcote
Ruislip Middlesex HA4 9UW UK

T: +44 (0) 208 868 3732

F: +44 (0) 208 868 3736

E: info@starkstrom.com

www.starkstrom.com