BACKUP POWER FOR OFFICE BASED & AMBULATORY SURGERY CENTERS

Medi-Products delivers healthcare providers trustworthy, customized and space-saving solutions for protecting Outpatient Surgery from loss caused by power failures

MEDI+PRODUCTS

BACK-UP POWER SYSTEMS

mediproducts.net

Complying with Accreditation Requirements:

The team at Medi-Products will work closely with your accreditation expert to help you to understand your emergency power requirements based on your state and type of facility.

Designing Your Emergency Power System:

Our team will work with your architect or electrical engineer to properly specify the right emergency power system to fully meet your needs. We'll help to plan the physical space requirements and review any relevant electrical wiring schematics.

What is Required?

Sizing the electrical capacity needed for your facility involves a careful understanding of the equipment you want to protect against power loss. Our team will work with you to develop a capacity plan based on the wattage, desired run time and resulting watt hours required for each piece of equipment.

The example in the table illustrates a plan for a cosmetic surgery practice. Notice the reduced power requirements for an office-based surgery system versus the expanded requirements of a Type 1 Essential Electrical System (EES) to power a larger facility.

Ambulatory (Type 1 EES System)

Office based surgery system

Life Safety Branch

Equipment Type	Wattage	Run Time (mins)	Watt Hours Required
Task & Egress Lighting	400	120	800

Critical Branch

Anesthesia Unit	800	120	1,600
OR Table	500	10	83
Electro Cautery Unit	1,100	30	550
Surgical Lights	240	120	480
Patient Monitor	60	120	120
Portable Suction	600	20	200
CO_2 Monitor	140	120	280
Recovery Room Monitors	140	120	280
Type 3 EES	3,980		4,393

Equipment Branch (Type 1 EES Only)

Central Suction	2,080	120	4,160
HVAC/Positive Pressure Fan	1,352	120	2,704
Total for Type 1 EES	7,412		11,257

Types of Battery Systems

Type 1 Battery Backup Systems

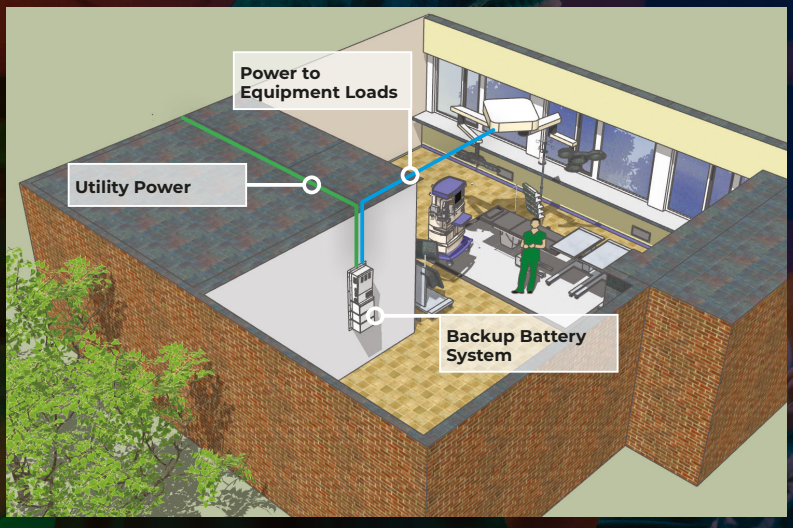
Type 1 Systems are often large systems, required to run central vacuum and suction equipment and other large loads. Our modular systems can accommodate larger loads, and enough battery power to run most ASC surgery centers for three to six hours.

The Silent Sentry - Hardwire System

The Hardwire System is wired directly to the electrical panel and is often referred to as an 'uninterruptible subpanel'. The outside flanges can be reversed, enabling the system to be inset into the wall, using virtually no floor space at all. This system is a popular choice for new construction or renovations.

The Reassurance - Mobile System

Mobile Systems feature stainless steel construction; making them perfect for sterile environments such as operating or clean laboratory rooms. Additionally, their locking casters anhhz hhd functional counter top ensure maximum workspace no matter where they're deployed. When charging, they plug right into a standard A/C wall outlet.



Advantages of Using a Battery Backup System:

Simple Installation: No need for building permits if the system is plug and play.

Modular: Batteries can be added to existing systems to increase run time if needed.

Ample Power: Can power up to 13kw per system.

Space Saving: Uses less than 1 sq ft. of floor space.

No Maintenance Needed: The system includes all solid-state electronics so there are no moving parts to wear out, eliminating regular maintenance tasks.

Simplified Testing: Any member of the office staff can test the system by simply unplugging the system (or turning off the circuit breaker, if hardwired), to simulate a power outage.

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Starting out as a bio-medical equipment repair company, Medi-Products has been working inside operating rooms, and servicing the equipment for over 20 years. These years of experience have given us valuable knowledge of the equipment that is used in surgery centers. This knowledge has been invaluable in the design of Battery Backup Systems for these spaces. With an understanding of the different types of equipment and how they are used, how often they are used, how much power they need to run, and how long they are used for, we have a unique edge in the design of systems custom made to power this equipment.

Our experience

- Over 30 years of product and industry experience
- Bio-medical background

Healthcare focus

- Back-up for vaccines and medical refrigerators and freezers
- Back-up support for outpatient surgery centers

The value we deliver

- Trusted brand and reliable products
- Customized solutions
- Innovative space saving design

HERE'S OUR SIMPLE 3-STEP PROCESS:

1. We gather your equipment needs
2. Our experts analyze the data
3. We present you with options

Call or click to schedule your assessment today

800.765.3237
mediproducts.net/assessment

Calculate your power requirements using our custom spreadsheet:
mediproducts.net/surgery-center-power-requirement-form