DRIVEN BY MOTION

ACTIVE POWER®

POWERHOUSE

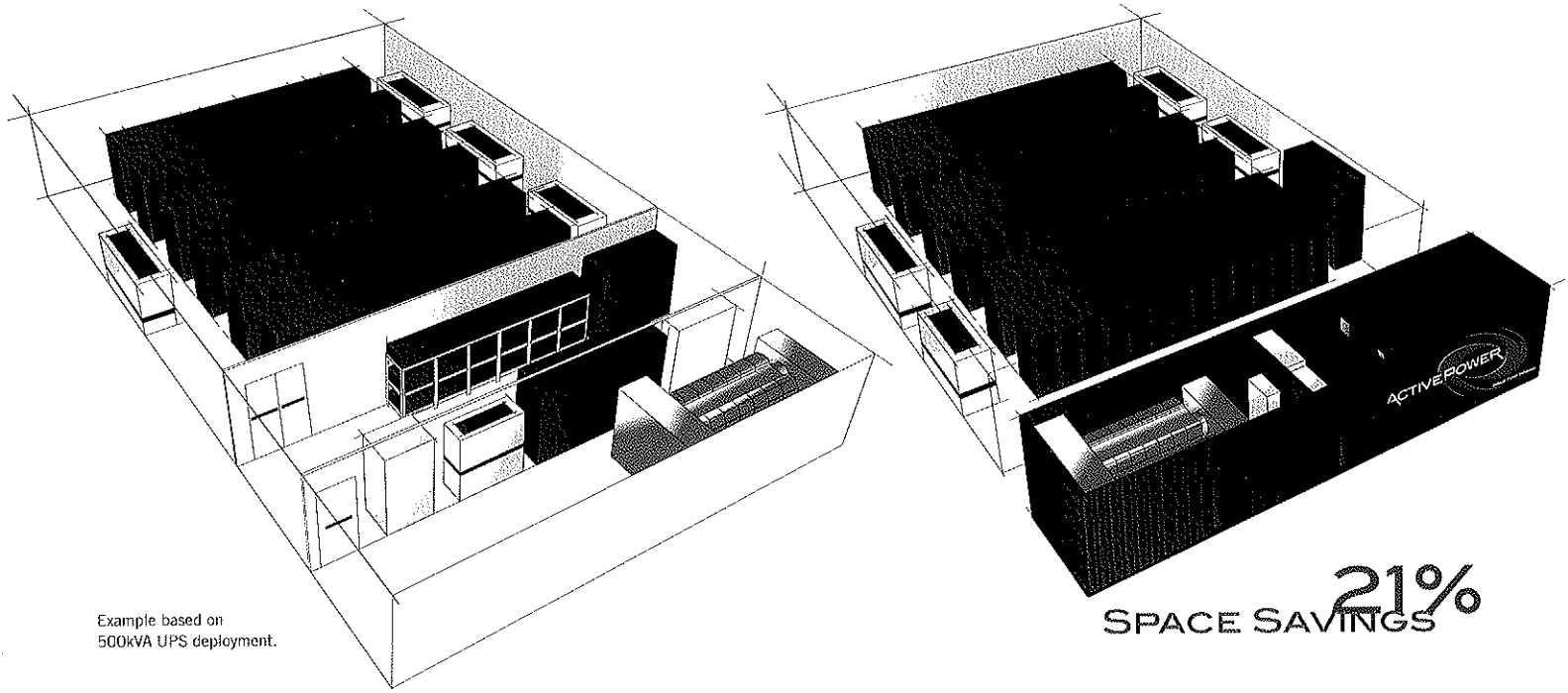
CONTINUOUS POWER SYSTEM



Reliable, predictable and repeatable backup power for your organisation doesn't have to be complicated. PowerHouse continuous power systems protect your critical operations every step of the way. You spend less money, time, space and energy – requiring less involvement from your staff – all adding up to huge savings and genuine peace of mind.

LESS SPACE

Active Power delivers you the most power dense architecture in the industry that is also the most flexible and rugged for your deployment needs. Eliminate the dedicated inside space - and more importantly the strictly temperature controlled battery room – and gain back as much as 21% of your real estate for revenue-generating IT equipment.



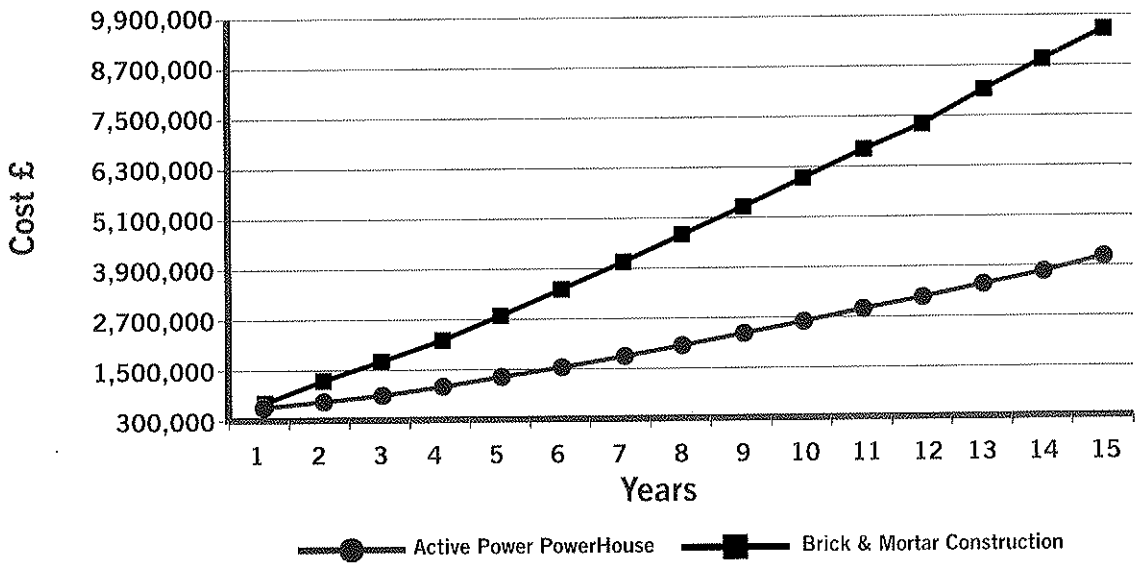
Example based on
500kVA UPS deployment.

SPACE SAVINGS 21%

LESS COST

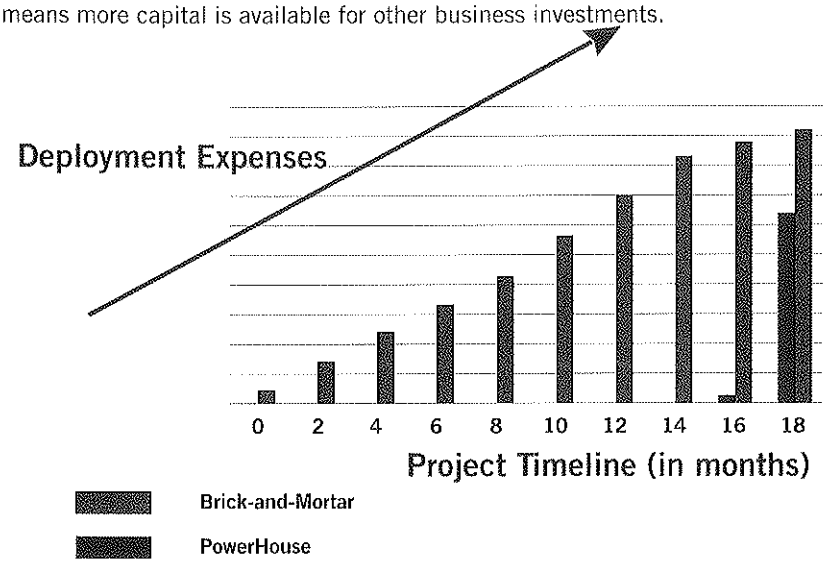
With the highest overall efficiency, lower service and maintenance cost and never having to replace batteries again you can achieve significant TCO savings - up to 60% compared to that of a legacy infrastructure and up to 45% in the first year.

25% LESS CAPEX AND 60% TCO SAVINGS



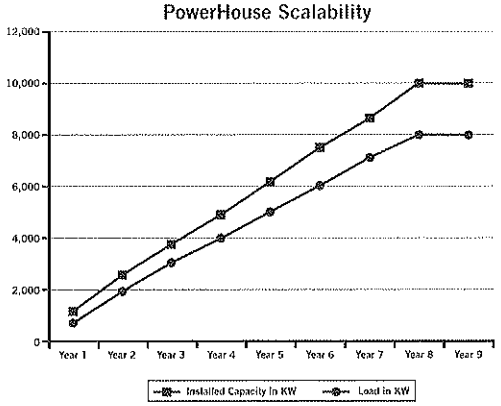
LessRISK

Large capital outlays required to build out a complete brick-and-mortar facility carry both risk and cost. Just-in-time accounting principles applied to investment and construction can yield benefits because less capital locked in lengthy projects means more capital is available for other business investments.

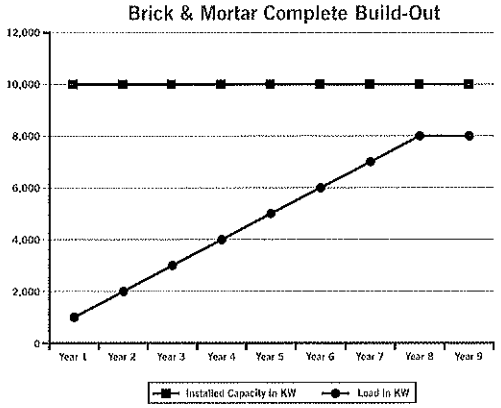


PowerHouse is a fully scalable system. It can be deployed in a modular fashion, improving operational efficiency through better infrastructure utilisation and more closely matching capital expenses to real time demand.

PowerHouse Scalability



Brick & Mortar Complete Build-Out

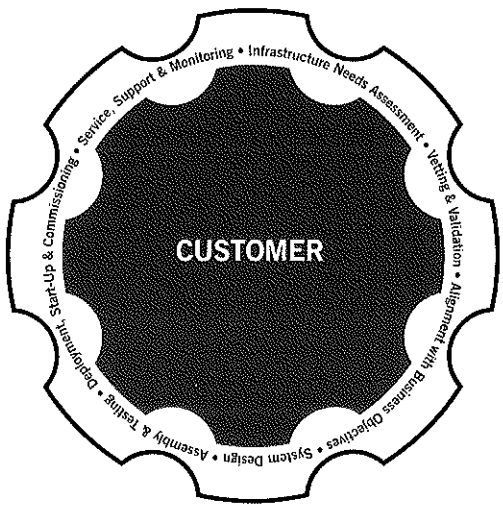


LessCOMPLEXITY

PowerHouse architecture is pre-assembled and tested offsite, taking the guess-work and unknowns out of the installation and commissioning phase. This enables repeatable and efficient integration by eliminating the time, cost and uncertainty inherent to delivery, testing, integration and commissioning of every individual component as it arrives on site. In the process, you reduce the risk and cost of inconsistencies between design specifications and actual implementation.

	Brick & Mortar Deployment		PowerHouse Deployment	
	Factory Work	On-Site Work	Factory Work	On-Site Work
Engineering		X	X	
Component Logistics		X	X	
Assembly		X	X	
Testing		X	X	
Installation		X	X	
Site Testing		X		X
Commissioning		X		X

Customer Focused Project Management



One of the most compelling benefits of a PowerHouse solution is single source accountability. Active Power will do it all from design to commissioning to ongoing care. Active Power provides expert assessment, design, implementation, project management, maintenance and support during every phase of your critical power system deployment and operation.

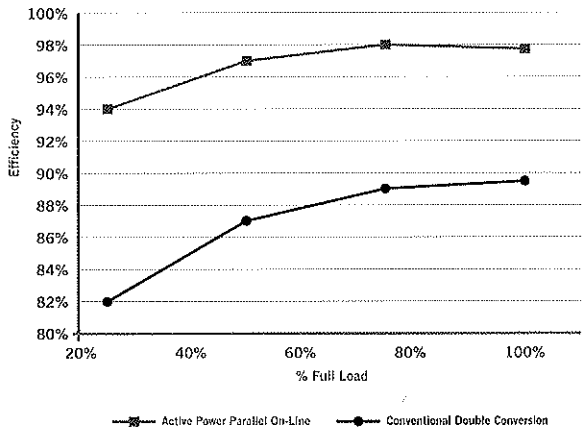
LESS IS MORE

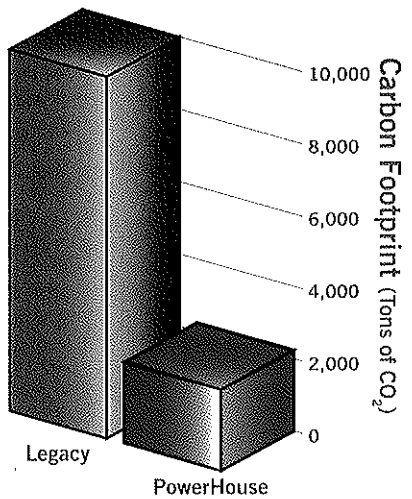
PowerHouse is a modular, portable continuous power system available for rapid deployment in four standard configurations based on Active Power's high efficiency and highly resilient architecture. The complete system is housed in a standard ISO shipping container and can be deployed in any number of locations - a roof, redundant loading bays, secure compounds or even the car park. Designed to offer a highly flexible architecture to your constantly changing environment, PowerHouse is available in a series of standard formats from 200kW up to 800kW and is constructed to be fully scalable, enabling you to expand your backup power infrastructure on demand. The pre-engineered, factory tested system is delivered as a complete and repeatable solution to your site versus a legacy component-by-component implementation.

Space saving, unobtrusive and unmatched in efficiency, you can rapidly deploy PowerHouse to best accommodate site constraints, access and security. Need to relocate? This system can be disconnected, transported to a new site, and be fully operational in a matter of hours.

LESS ENERGY

"Economically Green" means good for everyone. The critical power path in the PowerHouse system is our high efficiency architecture, shown below in comparison to conventional systems with batteries. This helps achieve a 75% reduction in carbon emissions versus legacy power solutions. And when you LOSE less energy, you USE less energy, saving money on power bills and reducing your impact on the environment.





LESS UNCERTAINTY

PowerHouse is less costly and complex, more energy efficient, and takes up less critical real estate. But that's no comfort at 2:00 a.m. when your facility takes a power hit. You need to know the solution you choose will protect your investments with reliable, predictable, continuous operation.

Here's why we are certain PowerHouse will deliver:

- The PowerHouse architecture is field proven, constantly monitored and proven to be up to seven times less likely to fail than legacy systems.
- Active Power systems have more than 50 million hours of field runtime in 40+ countries, including some of the harshest environments in the world.
- Complete monitoring and control software provides real-time system visibility from virtually anywhere to improve your awareness of power-related events.

BATTERIES NOT INCLUDED

Imagine never having to replace another toxic, unreliable chemical battery. With battery-free PowerHouse, you'll achieve operational and space savings. Plus you will further reduce energy costs by no longer requiring a temperature controlled battery room.

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