





Five Years Out

The power to innovate begins with power. Because every electronic design must be created with power in mind.

Power management impacts your product's profile, cost and endurance.

Its optimization can impact people's lives, too—enabling gains like more smartphone connections. Improved automobile performance.

Or valuable uptime for lifesaving medical equipment.

Five Years Out, the way we use power will be even more efficient and intelligent. Allowing devices to be smaller, more portable, more precise and more feature-rich.

Enabling invention.

Advancements in power management mean batteries that last longer, data centers that run cooler, and city grids that work smarter.

There are powerful dreams out there. Like ingestible medical cameras. Or smart textiles powered by the sun, wind or vibration. Whether your next project for power defies the imagination or simply redefines best-in-class in your market, we'll be there with you.

Let's meet at Five Years Out.

Power Management

Power Matters

The way you design power into your systems is critical, impacting cost, time to market and more.

You want the best solutions at the best price. And you want them quickly. But yesterday's best is different from tomorrow's.

Factors like rising energy costs, new technologies, efficiency improvements, growing product complexity and ever-changing regulations are driving the continuous development of new solutions—and complicating your power management decisions.

The pressure to be intelligent, cost-effective and quick to market can be overwhelming, but the right partner can make all the difference.

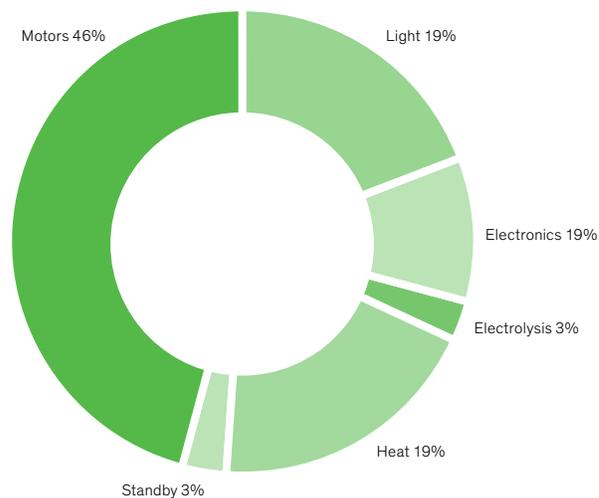
Enter Arrow. We have the electronic, passive and electromechanical product knowledge and technical know-how to make meaningful differences in your power approach. Our forward-looking expertise, local engineering resources, industry understanding and turnkey solutions can help you get from point A to point B. Brilliantly.

Arrow works across the power lifecycle, delivering the future's most promising ideas, including Silicon Carbide (SiC), Gallium Nitride (GaN) and energy harvesting. We'll deliver the right resources, innovations, tools and suppliers to meet your product needs today and far into the future.

Evolutions in power management are being driven by compliance and regulation changes, consumer expectations, higher energy costs and more. And new technologies are expected to trim waste wherever possible.

We're tracking trends and regulations across applications like medical, building automation, white goods, appliances, and industrial motor drives. Our role is to extract meaningful insights, so we can bring you efficient, future-proof and cost-effective power supply solutions.

Motors are now consuming the majority of our power.



Estimated share of global electricity as projected for 2006.
Source: Energy-Efficiency Policy Opportunities for Electric Motor-Driven Systems © OECD/IEA 2011, fig. 9, p. 33.

Expertise for Specialized Needs

At Arrow, we understand compliance requirements and have the technical and quality certifications applicable to your region, including industry-specific certifications to meet those demands. For example, we can help you successfully design for the reliability and temperature considerations of military applications—and the performance, heat dissipation and isolation issues that arise in medical applications.

Our services include design, verification and testing support—plus build-on-demand services for a wide range of applications, including industrial equipment. We have Class 1000 clean room certification and a quality, process-controlled environment with a Lean Sigma culture.

Engineering the Right Solution

Arrow has a dedicated team of engineers deployed worldwide to help you meet your systems' power requirements. Whether you are designing a new circuit or converting AC power to DC for your system, we're ready to advise you on the latest technologies and support you in selecting standard off-the-shelf and semi-custom power solutions that will enable the best solution possible while reducing design time and costs.

Our experts are also committed to supporting green power initiatives by helping to increase your efficiencies and reduce wasted power. Your Arrow sales engineer can help you select power solutions that meet both your energy regulatory needs and evolving consumer expectations.

Arrow is the total power provider, covering all of your applications from microwatts to megawatts.



Arrow can help you achieve very low standby power levels—levels which can lead to exacting control of your energy use.

Powerful Design Support

Are you ready to simplify the process of designing your power solutions? Our turnkey capabilities make the difference. With expertise in emerging high-growth applications, relationships with leading global suppliers, a library of reference designs and a team of skilled engineers, we provide complete support to satisfy both your technical specs and your vision for innovation.

Our relationships with suppliers give us early access to their next big ideas, and we bring them to you, so your products enter the market with lasting relevancy. Our exceptional technical specialists help keep design and manufacturing efforts on track. And our industry knowledge ensures we're well ahead of evolving requirements and regulations.

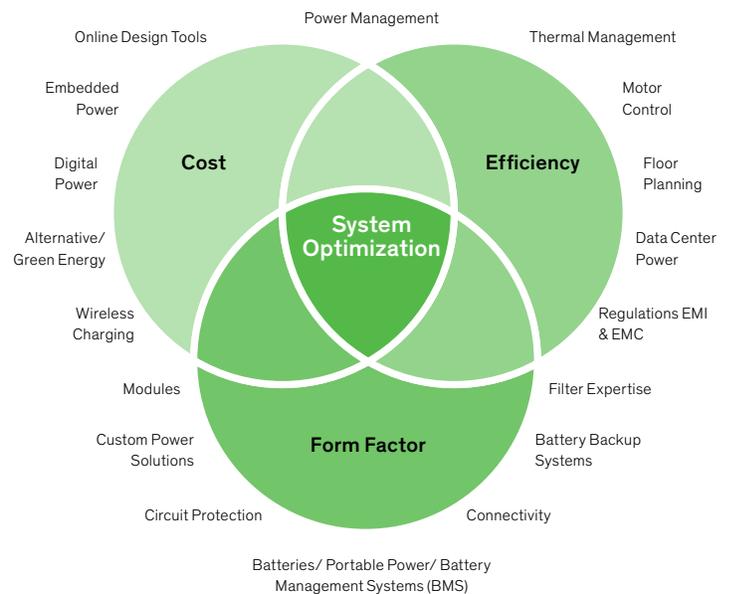
A Complete, Turnkey Solution

A Single Source

Managing multiple relationships and bringing new partners up to speed can create unnecessary complexities. Our integrated approach provides everything you need from design support through assembly services—all in one place.

You'll benefit from inherent efficiencies when we know your product across its lifecycle. These can translate into quicker time to market, simplified decision cycles and overall ease of implementation. Work with Arrow, and we'll continuously help you balance the right technology with the most comprehensive design and manufacturing solution.

Benefit from our expertise in these areas:



POWER SUPPLY PRODUCTS

Arrow offers a range of products, including:

- > AC/DC and DC/DC Power Supplies
- > Connectors
- > Uninterruptible Power Supplies
- > Batteries

BEYOND POWER

We can help you with synergistic technologies like these:

- > Thermal management
- > Magnetics and transformer design
- > Power conversion topologies
- > Battery charging and protection technologies

Why Arrow?

As your partner in forward thinking, we believe it's our responsibility to contribute to your success, not just project by project, but over the lifetime of our professional relationship. That's why we bring added value to the table.

ESSENTIAL PARTNERSHIPS

Leverage the world's most advanced suppliers through your relationship with Arrow. We can help you access the latest technologies and tools and meet all your specifications, including energy-efficient parts.

A RANGE OF CUSTOMIZATION

Tap into a complete offering. From ready-to-go, off-the-shelf components for quick deployment to complex custom designs with multiple power supplies and custom sheet metal enclosures, Arrow is your single source for power solutions.

We've invested in world-class design, manufacturing and test capabilities so you don't have to.

DESIGN INTELLIGENCE AND IN-HOUSE SUPPORT

Leverage our equipment and tools, Arrow Consulting Engineering Services (ACES) program, proven reference designs, Field Application Engineer (FAE) community, software libraries, data compilation support and more. We can help with your every design decision and provide business development support as well.

GLOBAL LOGISTICS

Expand your business into international markets with speed and efficiency by channeling your global logistics through one convenient source: Arrow. Count on us to anticipate export compliance requirements, decrease your time to market and reduce your product transit times. We'll work closely with you to create an instant, scalable infrastructure, supporting your project from concept to market delivery.

SUPPLY CHAIN MANAGEMENT

Get the right product to the right place at the right time with our best-in-class network of supply chain management tools and services. We're experts in inventory planning, process analysis, order automation, optimization of landed costs, global pricing and compliance, and transportation services. And we're equipped to provide on-site terminal and warehousing, electronic commerce, kitting, material planning and sourcing, and ship-to-dock logistics management.

FINANCING PROGRAMS

Grow your business. Whether you're looking to invest in new initiatives, boost competitiveness, improve cash flow, shorten your sales cycle or simplify budgeting, we have financing and leasing plans that are right for you. These include fair market value and full payout leases, open account, escrow, and inventory financing and flooring.



Are You Five Years Out?

Most people live in the present. The world of now. But a handful of us work in a unique world that doesn't quite exist yet—the world of Five Years Out.

Five Years Out is the tangible future. And the people who live and work there know that new technologies, new materials, new ideas and new electronics will make life not only different, but better. Not just cheaper, but smarter. Not just easier, but more inspired.

Five Years Out is an exciting place to be. So exciting that, once you've been there, it's hard to get excited about the present. Because we know what's coming is going to be so much better.

Five Years Out is a community of builders, designers, engineers and imaginers who navigate the path between possibility and practicality. Creating the future of everything from cars to coffeemakers.

Are you one of them? Then you're probably working with us.



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