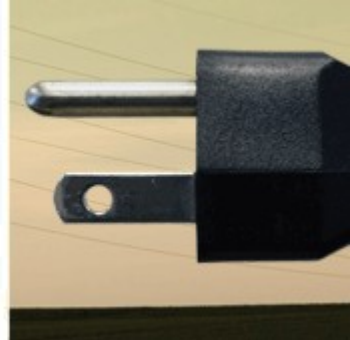




PI News



New Reference Design Solves Ecodesign EuP Standby Power Challenges

10 mW No-load Consumption and Exceptional Light Load-Efficiency Maximizes Power Available to Standby Circuitry

Power Integrations' 3-watt power supply circuit described in [DER-227](#) consumes just 10 mW during no-load operation, easily complying with the standby power limits mandated by the European Union's [Ecodesign Directive](#), [ENERGY STAR](#), and other eco-standards. The reference design features:

- Universal Input: 85 to 265 VAC
- EcoSmart® technology – Easily meets all current international energy efficiency standards
 - China (CECP) / CEC / ENERGY STAR 2 / EU CoC
- Extremely low no-load input power consumption: <10 mW at 230 VAC
- EC IPP rating: 5 out of 5 stars
- High active-mode efficiency: >70 %
- Exceeds 64% ENERGY STAR EPS v2, EC CoC v4 and EuP Tier 2 requirements
- Meets EN55022B/CISPR22B conducted EMI limits without a Y-capacitor across the isolation barrier

[Download the reference design report](#)

Get the LinkSwitch-XT [data sheet](#)

Power Integrations: Innovation in power conversion



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