

Sense the power of light: ams OSRAM presents innovative lighting and sensor solutions for the industrial sector and advanced battery technology

At electronica 2024 in Munich, [ams OSRAM](#) (SIX: AMS), a leading global provider of intelligent sensors and emitters, will be demonstrating how intelligent optical lighting and sensor solutions can make everyday life safer, securer, healthier, more comfortable and more eco-friendly.

State-of-the-art lighting and sensor technologies enhance the convenience, safety and efficiency of industrial processes. Market-proven components ensure the fail-safe operation of critical infrastructures and offer integration and installation options in customer-specific designs.

At electronica 2024, ams OSRAM will be presenting EVIYOS® Shape, a new, intelligent pilot project for the industrial sector based on EVIYOS® technology, which is now being used for the first time in applications outside the automotive sector. [EVIYOS® Shape](#) is an advanced μ LED-based light source designed for archtainment, entertainment, machine vision and urban projection applications to create new visions for smart cities.

Thanks to the high-precision AS8510 and AS8512 current sensors, ams OSRAM can make battery systems more efficient and provide more accurate information on the battery's available residual capacity.

The [AS8512 IVT sensor](#) enables virtually offset-free, low-noise differential two-channel measurement of current and voltage in battery management systems. Its high-precision data acquisition, low-noise measurement with no zero offset, and synchronous measurement of current, voltage, and temperature make the AS8512 a cost-effective sensor.

With its offset-free sensor solutions based on shunt resistors, ams OSRAM provides the right technology for the various application scenarios: IVT sensor AS8510 for battery management in the automotive sector.