

# SOLAR POWER APPLICATIONS

Iskra components are used by production facilities, power plants, and electro distribution companies worldwide.

Among our components for photovoltaic applications are Solar panel boxes, Energy meters, Capacitors, Protection switches, Residual current circuit breakers and Switch disconnectors. Also, we provide a wide range of Dynamic reactive power compensation and Power factor correction systems to enhance the power factor and avoid power factor penalties. We are constantly innovating to deliver valuable energy solutions in a rapidly changing industry.

► We strive to make solar power more efficient and sustainable by assisting our clients in maximizing their energy usage.

## Energy meters

Energy meters are intended for measuring, analyzing and monitoring single-phase or three-phase electrical power network. Our meters are approved by PTB according to MID directive.



Maximized service continuity while reducing costs and resources

## Capacitors and DC links

Capacitors offer high reliability, long life, low losses, minimal resistance and inductance, stable performance, and excellent thermal and dielectric stability.



Automation and digitalization via predictive analytics and remote monitoring

## Surge Protection Devices

Advanced surge protection solutions designed to safeguard electrical systems from the damaging effects of indirect lightning discharges and overvoltage events.



Increasing Energy Efficiency by avoiding power losses

## Protection switches

Reliable circuit protection from overloads and short-circuits, cutting power quickly to safeguard wiring, devices, and ensure safe electrical operation.



Savings of up to 20% on operational costs through energy management system

## Residual Current Circuit Breakers

Protection against electric shock and fire by detecting leakage currents and disconnecting power fast, ensuring reliable everyday circuit safety.



Optimizing the use of assets by taking the right business decision

