



CUSTOMER STORIES

RELIABLE CURRENT MEASUREMENT FOR POWER BACKUP SYSTEMS



IPower backups under control – with precise shunt solutions from Isabellenhütte

CHALLENGE

In many regions of India - from Mumbai to Madhya Pradesh – power outages are part of everyday life. Power inverters and backup systems are indispensable, but their efficiency depends largely on precise current measurement.

SOLUTION

Our IVT series shunts offer high-precision, temperature-stable current measurement for inverter and solar systems - ideal for high load cycles such as those found in tropical climates and grid-unstable regions.

Advantages:

- High temperature stability for extreme operating conditions
- Long-term reliability - even in continuous operation
- Optimum performance for solar, battery and hybrid solutions

APPLICATION

Microgrid systems for off-grid regions, home storage solutions for urban households, solar-powered inverters in rural schools, UPS systems in hospitals.