

BROCHURE

OVERVIEW

The iPS1200EX is an explosion proof Zone 1 & 2 Uninterruptable Power Supply that supplies a reliable and stable supply voltage to critical control & instrumentation systems in Zone 1 & 2 hazardous areas and supporting equipment from short or medium power outage.

Parallel architecture allows for expansion of systems to suit customer requirements, in a convenient modular design. Intelligent load sharing via user controlled transfer.

Suitable for:

- Remote Solar PV Powered Systems
- Navigation Systems
- Remote Fire & Gas Systems
- Communication Systems
- Remote Site Security Systems

KEY FEATURES

- ATEX & IECEx certified for use in Zone 1 and 2 gas hazard environments
- Visual alarm
- Modbus alarm & control software for extensive programmable parameters via PC
- Padlockable for security
- Optional temperature sensor for compensating battery charging

CERTIFICATIONS

Inverter/Charger: ATEX II G Ex d IIB T3 Minimum, IP66
Battery Enclosure: II 2 G Ex e II Gb T6 Tamb -40°C to +55°C Gb



MECHANICAL SPECIFICATIONS

Dimensions	Dependent on customer requirements
Cabinet	Optional

ELECTRICAL SPECIFICATIONS

System capacities	600W, 1200W, 2.4Kw & 6Kw
Input voltages	110V, 230V, 415V and 24/48V DC
Output voltages	110V, 230V, 415V and 24/48V DC
Battery voltages	12V, 24V, 48V, 110V DC and higher available

PERFORMANCE CHARACTERISTICS

System autonomy	Bespoke to customer requirements
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