iUPS200 Uninterruptible Power Supply

- ATEX Zone 2 certified
- Provides back up power for critical equipment in hazardous areas
- Rugged IP66 system for industrial environments

Protect critical equipment

The iUPS200 provides reliable back up power to ensure that vital equipment - such as wireless network nodes or mustering systems - remain operational in the event of a blackout or brownout.

Long lasting back up power

Providing back up power for up to 120 minutes at 70W full load in a 25°C temperature, the iUPS200 won't let you down when you need it.

Fully rugged

Designed to be mounted on either a wall or a pole, the iUPS200 is made of 316L stainless steel with IP66 protection. It's purpose-built to endure in harsh industrial environments.

Protect battery life

The iUPS200 has advanced battery charge controls, including a built in temperature compensation feedback, ensuring the internal lead acid battery is receiving the correct charge.

Easy to use

Incorporating UPS status indication via enclosure mounted lamps and power output disable via an enclosure mounted button, the iUPS200 is easy to use.

Optional logic outputs

The iUPS200 can have in-built lamp and push button indication/control, or supply inputs/outputs for connection to a DCS or other equipment.

Specification

Certification	⟨Ex⟩ II 3 G Ex nA II T4 (-20°C ≤ Ta ≤ +55°C)
Housing	316L stainless steel
Ingress protection	IP66
Dimensions	390 x 290 x 161 mm
Weight	Approximately 15 kg
Operating temperature	−20°C to 55°C
Relative humidity	0 to 95% non-condensing
Storage temperature	−20°C to 55°C
Input connections	115/230 VAC fused screw terminals via M20 cable gland *See cable gland option #6*
Output connections	12/24VDC fused screw terminals via M20 cable gland *See cable gland option #6*
Back up time	For full load, approximately 120 minutes @ 25°C
Enclosure status indicators **(optional, when logic outputs not used)**	Battery charging, green lamp — Battery being charged Battery high, green lamp — Battery voltage OK >11.3V / 22.6V Input OK, green lamp — Unit supplied by AC >13.1V / 26.2V Output off, red pushbutton — Press to turn off output voltage, remove and re-apply mains to reset
Logic outputs **(optional, when enclosure status indicators not used)**	Battery charging, logic signal at battery voltage — Battery being charged Battery high, logic signal at battery voltage — Battery voltage OK >11.3V / 22.6V Input OK, logic signal at battery voltage — Unit supplied by AC >13.1V / 26.2V Output off, opto isolated input — Connect to 0V to turn off output voltage, remove and re-apply mains to reset

Ordering Information: iUPS200-[#1] -[#2] -[#3] -[#4] -[#5] -[#6] -[#7]

Specify option [#1] – battery/power output voltage

12V DC	12
24V DC	24

Specify option [#2] – battery charging indicator

No battery charging indicator fitted	N
Enclosure indicator fitted	Y

Specify option [#3] – battery high indicator

No battery high indicator fitted	N
Enclosure battery high indicator fitted	Y

Specify option [#4] – input OK indicator

No input OK indicator fitted	N
Enclosure input OK indicator fitted	Y

Specify option [#5] – output off push button

No output off push button fitted	N
Enclosure output off push button fitted	Y

Specify option [#6] – enclosure cable entry

Cable glands fitted	G
No cable glands fitted, M20 gland holes drilled	N

Specify option [#7] – logic outputs

Only available when status indicators are not used, gland not fitted if option #6N selected

No logic outputs required	N
Logic outputs fitted	L

Accessories:

Pipe mount bracket kit to enable the unit to be fixed to a pipe or rectangular post	IWAPMB04