

E-UPS Zone 2



EFC's ZONE 2 UNINTERRUPTABLE POWER SUPPLY, Ex E-UPS PROVIDES BACKUP POWER SUPPLY FOR SAFETY CRITICAL BOP AND WELL CONTROL EQUIPMENT.

The Ex E-UPS is particularly suited to Zone 2 control system panels and enclosures supplied for atmospherically controlled rooms.

If the purge unit was to fail this E-UPS would ensure safe, continued operation of the connected safety control system such as Driller's BOP Control Panel. The unit has been specifically designed for continuous operation in Zone 2 Hazardous areas providing 2 hours autonomy.

Main power reverts to secondary and if both are lost this moves to battery giving a multi-layered protection meeting requirements DNV-OS-E101, standards relating to safety systems including managed PRS D, BOP & Diverter Control, Choke & Kill Control and High Pressure High Temperature instrumentation.

UPS BENEFITS

- Operation from 2 Independent AC Supplies**
- Output Circuit Protection**
- Output Alarm Monitoring**
- Breakers Programmable**

*Image for illustration purposes only



Uninterruptable Power Supply (UPS)

DESCRIPTION	TECHNICAL SPECIFICATION
Construction:	Stainless Steel Wall Mount Enclosure
Dimensions:	1300mm(High) x 650mm(Wide) x 400m(Deep)
Weight:	120Kg
Area Classification:	II 3G IIB T3 Gc (Zone 2)
Ingress Protection:	Electronics Compartment: IP54, Battery Compartment: IP23
Ambient Temperature:	0° – 40°C
Installation Location:	Switch Gear LER
Power:	500 Watts
Output Voltage:	24V DC
Autonomy:	2 Hours
Primary Supply:	110/240V AC
Secondary Supply:	110/240V AC
Output Protection:	8 x Electronic Adjustable Circuit Protection 3-10 Amps
Alarm Outputs:	Volt Free Alarm Signals <ul style="list-style-type: none"> – Primary AC Supply Failure – Secondary AC Supply Failure – Battery Charge < 85% – UPS Active – Defective Battery Alarm – Output Circuit Trip Alarm
Field Termination:	Top Entry Gland Entries
Remote System Shutdown	EExde Battery Isolation Contactor, 24V DC Control Signal

NB: Technical data may be subject to change

EXPANDABILITY:

- Addition to any EFC Group Well Control Systems
- Can be used for any Third Party Safety Critical control system



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