



Intrinsically Safe
UPS

The Uninterruptible Power Supply Module (UPS) provides high reliability power for an electronic control system in Group I, Zone 0 environments such as Nautitech's:

- ✓ I.S Automation control systems
- ✓ I.S Safety shutdown systems
- ✓ I.S Safety startup systems
- ✓ I.S Event logging systems
- ✓ I.S Mobile headlamps

No additional enclosure needed
Full 1 year warranty



Power Zone 0

APPLICATIONS

Nautitech's UPS supports a range of certified complimentary components to permit the construction of complex control systems. The range includes power supplies, lights, logic controllers, temperature sensors, pressure sensors, float sensors, gas detection and position sensors.

The UPS is a modular component of an automation system, for use in **Group I, Zone 0 environments**. Typical applications include safety startup & shutdown systems, data logging systems and automation control systems.

TYPICAL APPLICATIONS



SPECIFICATIONS

ITEM	UPS
Digital Communications	✓
Diagnostic coverage	✓
High capacity (4Ahr at 9V)	✓
Low impedance Ex ia 1 supply	✓
Switchable A-B battery systems	Optional
Pluggable backup battery port	✓
Integrated battery charger	✓
Backplane communications	✓
Multiple modules per rack	✓
Modular mounted	✓
Robust, SS316 armour housing	✓
Readable device identification	✓
Integrated HMI display	✓
Keypad & Branding	✓

DID YOU KNOW...

Our I.S modules stack together in any order to suit any application.



The UPS output can be controlled by a voltage free contact (simple device). The UPS permits systems to be powered when mains supply may not be available.

OUTPUT	INPUT
$U_o = 8.95V$	$U_n = 20V$
$I_o = 2.4A$	$I_n = 11.9A$
$P_o = 20W$	$U_m = 90W$
$C_o = 66.8\mu F$	
$L_o = 30\mu H$	

$-20C < Tamb < 60C$

CERTIFICATIONS



✓ Intrinsically Safe Ex mb [ia] I Ma
IECEX ITA 14.0035X

It is recommended that only Nautitech ancillary equipment be used which is listed in our product manuals. Doing otherwise may result in less than optimal operating performance or failure of which Nautitech will not be held responsible for.