

POWER UNIT

EXHP POWER UNIT

A high load 6kV Power Unit which supplies the energy used to run the Fraser ATEX Certified EX1250 Static Eliminator Bars. The EXHP Power Unit offers many advantages for the international manufacturer.

The EXHP Power Unit produces the high voltage and low current in a controlled and safe way to provide the power for Fraser ATEX certified EX1250 Static Eliminator Bars.

- > The unique 6kV flat form transformer provides more ionisation with less stress.
- > It has bayonet connectors for fast and easy connection of the EX1250 Bars.
- > The EXHP can power up to four static eliminators.
- > Choice of monitoring options. A neon light can be fitted to the unit if required to show operational status on the case of the EXHP. Alternatively a remote monitoring option can link with your PLC, showing whether the static eliminators are working, and also if they require cleaning.
- > IP54 Construction.



Specification

Input:	115V or 230V. 50 or 60Hz. Please specify frequency (Hz) as well as input voltage. Fuse: 800mA (115V) 400mA (230V) Interrupting Load 1500A. Illuminated mains switch. 20VA load. 3m mains cable is supplied (longer can be specified).
Output:	6kV with maximum peak voltage of 7.75kV. Secondary current limited to 5mA. Connectors for up to four EX1250 Bars.
Weight:	3kg.
Construction:	IP54.
Environment:	50° maximum temperature. 70% rH non-condensing max.
Options:	Neon Light or Remote Monitoring option available.
Certification:	CE, UL and CB Approval.

EX1250:

The EX1250 is more powerful than competitive systems and so uses more current. The permissible current for the ATEX certification is 5mA. This means that the maximum load is 25m of combined Bar and Cable.

For example:

2 Bars of 1m length each with 11.5m of cable.

3 Bars of 1m length each with 7m cable.

4 Bars of 0.75m length each with 5.5m cable.

Exceeding this load will negate the ATEX certification.

The EXHP Power Unit is frequency dependent - for either 50Hz or 60Hz operation, not both. The frequency must be specified in addition to the mains voltage of 115V or 230V.



EX1250 Bar.

Dimensions:

