

## HIGH VOLTAGE POWER SUPPLY

ITL Vacuum Components offer an Island e-Beam solid state 3kW to 10kW 19" rack mount power supply with built in source control and filament transformer. Designed with variable output of 4kV to 10kV of accelerating voltage to accommodate most applications. At only 3U high ( 5.2" ) the HVPS/SC uses minimal rack space.

The IEB HVPS/SC is a dependable rugged power supply that can power most industry electron beam sources, it can operate in continuous arcing conditions that would cause most other  
Our sources come standard with direct water cooled crucibles, helping produce a uniform source temperature. Resulting in stable deposition rates, versus an indirect water cooled source.

Each source has a modular plug in designed emitter assembly for ease of maintenance, made with high temperature materials and long life filaments for reduced down time. supplies to fail, or in a predetermined arc count state for those critical process applications.

Please feel free to contact us to discuss your requirements

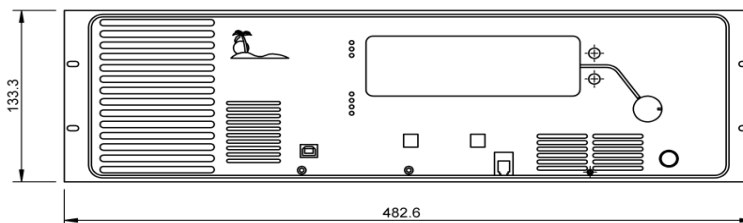
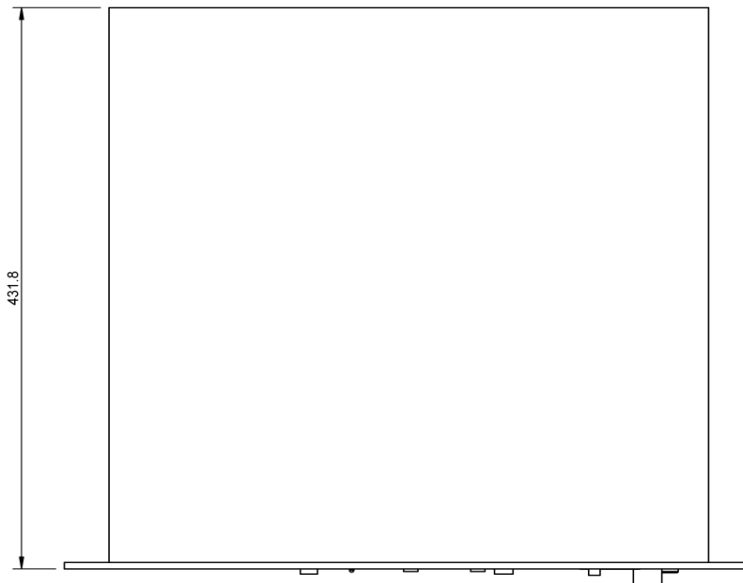


## Features

- 4kV to 10kV output voltage w/0-1.0amp output current (total of 10kW max output)
- Ultra-low stored energy ( < 2J@10kW output)
- Input power : 208V three phase
- Fast arc response: full recovery in 10ms
- Rated for continuous duty during arc events or selectable arc count
- Compact 3U height
- < 1% ripple and regulation

## Specifications

Output current	0 to 1 amp
Output voltage	4kV to 10kV
Energy storage	< 2J @ 10kW
Regulation and Ripple	< 1%
Arc response	< 15ms
Safety interlocked	Yes
Cooling	Forced air 2 internal fans
Size	H - 133mm x W - 482.6 x D - 432mm
Weight	22.5kg
Input power	208V 3phase



## Standard Configurations

4x2cc