

LAB-IGBT

30kW DC POWER SUPPLY



POSITIVE PROBLEM SOLVING **+ =**

The LAB-IGBT is a robust range of switch mode power sources based on IGBT technology. Front panel control and display.

These units are ideal for medium to high power applications where full adjustability of voltage and current limit is required. The unit is cooled through forced air cooling. A host of safety features are provided including V, I & W limits along with overtemperature and fast acting fuses. The LAB-IGBT is ideal for applications which require bulk DC power such as electrolysis, water treatment and electroplating.

- + Constant Voltage & Current Operation**
- + Various Safety Features**
- + Voltages up to 300Vdc**
- + Currents up to 100A**
- + Forced Air Cooling**

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SELECTION TABLE

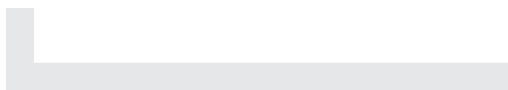
Part Number	Max. Power	Voltage Range	Current Range
LAB-IGBT 300-100	30kW	0 - 300V	0 - 100A

TECHNICAL DATA

GENERAL

Input Voltage	3 × 400Vac (50/60Hz)
Isolation (Input to Output)	2000Vdc
Isolation (Output to PE)	2000Vdc
Safety	EN60950
Emission	EN61000-6-4
Immunity	EN61000-6-2
CEM Standards	89 / 336 CEE
Low Voltage	73 / 23 CEE
Response Time	<50ms
Ripple	<5%
Stability	<1%
Display	3.5 digits for V & I
Protection	OC / OT / OP
Analogue Interface	0 - 5V
Isolated Analogue Interface	0 - 5V
Operating Temperature	-10°C to +40°C
Storage Temperature	-40°C to +60°C
Operating Humidity	<80% (non condensing)

Every effort is made to ensure that the information provided within this technical summary is accurate. However, ETPS Ltd must reserve the right to make changes to the published specifications without prior notice. Where certain operating parameters are critical for your application we advise that they be confirmed at the time of order. ETPS Ltd specialises in modifying its proven platforms to suit your needs. Please contact our office if your requirement is non-standard. Please note that your actual unit may differ from those shown.





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