

# HTP-THQD

## 1 OR 2 CHANNEL HIGH VOLTAGE DESKTOP UNIT



POSITIVE PROBLEM SOLVING **+ =**

The HTP-THQD is a simple and rugged solution to providing low power high voltage modules in an AC powered desktop unit. Control is via front panel mounted potentiometers, USB interface and analogue I/O.

Both the output voltage and current can be displayed on the two line LCD screen. Modules from the HTP-CPS, HTP-DPS and HTP-EPS ranges can be fitted to provide either a single or dual channel unit. With powers from 5W to 60W, currents of 0.3mA to 120mA and voltages up to 30kV, the HTP-THQD provides a truly flexible approach to desk top HV power supplies. With an output power of  $\leq 24W$  the AC input is 100 - 240VAC. With output power of  $>24W$  the AC input is user selectable 110/230VAC.

- + Low Cost Desktop HV PS with 1 or 2 Channels
- + USB & Analogue I/O via D Sub 9 Connector
- + LCD Display for Voltage & Current
- + Output Voltages 500V up to 30kV
- + Output Power up to 60W
- + Very Low Ripple & Noise

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### AVAILABLE OPTIONS

#### 1 CHANNEL DESKTOP VERSIONS

Module Series	Voltage Range	Power
HTP-CPS Series	500V up to 30kV	Maximum 12W
HTP-DPS Series	500V up to 6kV	Maximum 12W
HTP-EPS Series	500V up to 30kV	Maximum 60W

#### 2 CHANNEL DESKTOP VERSIONS

Module Series	Voltage Range	Power
HTP-CPS Series	500V up to 30kV	Maximum 12W
HTP-DPS Series	500V up to 6kV	Maximum 12W

### TECHNICAL DATA

GENERAL	
Desk Case Dimensions	310 × 90 × 280mm [W × H × D] (with connectors)
Operating Temperature	0 to 50°C
Storage Temperature	-20 to 60°C



## SELECTION TABLE (1 CHANNEL)

PART NUMBER	MAXIMUM POWER	MAXIMUM VOLTAGE	CONNECTOR TYPE	MODULE TYPE
T1-07 0006 EPU	60W	≤6kV	SHV (rear)	HTP-DPS_EPU
T1-07 0006	60W	≤7kV	SHV (rear)	HTP-CPS
T1-16 0006	60W	10kV - ≤15kV	LEMO 16kV (rear)	HTP-CPS
T1-30 0006	60W	20kV - ≤30kV	LEMO 30kV (rear)	HTP-CPS
T1-07 0012	120W	≤6kV	SHV (rear)	HTP-EPS
T1-16 0012	120W	8kV - ≤15kV	LEMO 16kV (rear)	HTP-EPS
T1-30 0012	120W	20kV - ≤30kV	LEMO 30kV (rear)	HTP-EPS

## SELECTION TABLE (2 CHANNELS)

PART NUMBER	MAXIMUM POWER	MAXIMUM VOLTAGE	CONNECTOR TYPE	MODULE TYPE
T2-07 0006 EPU	60W	≤6kV	SHV (rear)	HTP-DPS_EPU
T2-07 0006	60W	≤7kV	SHV (rear)	HTP-CPS
T2-16 0006	60W	10kV - ≤15kV	LEMO 16kV (rear)	HTP-CPS

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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