



OMEGA TYPE KPS-801 Klystron Power Supply, is a state-of-the-art solid-state, regulated Power Supply for operating low power Klystrons such as 2K25.

TECHNICAL SPECIFICATIONS

01 Beam Supply:

Voltage	: 240 - 420 VDC, Variable
Current	: 50mA
Regulation	: 0.5 % for 10% I/P variation
Ripple	: < 5mV rms

02 Reflector Supply

Voltage	: -10V to -270V DC Variable
Regulation	: 0.25%, for 10% I/P variation

03 Filament Supply

: 6.3VAC

04 Modulation

AM (Square)

Frequency Range	: 500-2500Hz
Amplitude	: 0-110V

05 Modulation

FM (Saw-tooth)

Frequency Range	: 150-300 Hz
Amplitude	: 0-65V

06 External

: Through external Modulating Signal

07 Modulation Selector

: CW/AM/FM/EXT

08 3 ½ Digital LED Panel Meter

: display for
8.1 Beam voltage,
8.2 Beam current
8.3 Reflector Voltage

09 Connectors

: 01 8-Pin Octal Socket
02 BNC for External Modulation

10 Power Supply

: 230 V AC \pm 10%, 50Hz

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

OMEGA ELECTRONICS