

Bipolar Power Supply

ZMBPS



Make	ZEAL
Model	ZMBPS
Output Voltage	0 to $\pm 10V$ (or $V_{max.}$ rated)
Output Current	0 to $\pm 12A$ (or $I_{max.}$ rated)
Input Voltage	Single Phase 230V AC, $\pm 10\%$, 50 Hz
Unite casting	Plug in compatible to 19' rack mounting system
Type of cooling	Forced air cooled (Cooling fan)
Output voltage load regulation	$\leq \pm 0.1\%$ for specified line variations and no load to full load variations
Output voltage program accuracy	$\leq \pm 0.1\%$ of set value

Output current regulation	$\leq \pm 0.1\%$ for specified line variations and no load to full load variations
Output voltage ripple (RMS)	$\leq \pm 0.05\%$ of set value
Output current ripple	$\leq \pm 0.05\%$ of set value
Output voltage noise	$\leq \pm 0.05\%$ of set value
Output current stability	$\leq \pm 0.05\%$ per hour after nominal warm up time of less than 3 hours
Output voltage	Continuously adjustable in between - 10V to +10V or by panel mounted 10 - turn potentiometers.
Remote sensing	With 4 - wire system, 0.5 volt drop or more per wire
Display voltage and current	3.5 digits, better than 0.1% accuracy,