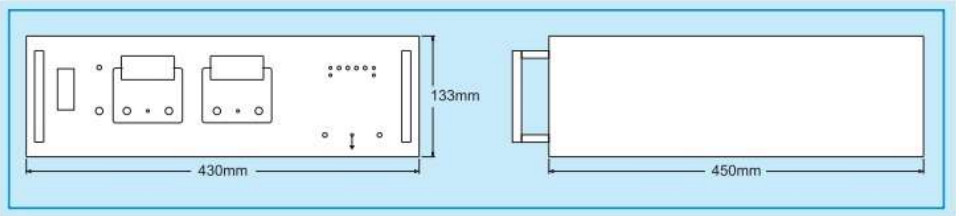
Multi-output Regulated DC Power Supply CBVS30/3T



- ***All 3 Channels are identical ; specifications for one are given below***

SPECIFICATIONS

Metering : 3 digit DPMs for voltage and current measurement.
Meter Accuracy : ±3 counts
Display Resolution: 10mV , 10mA

Constant Voltage Mode :
REGULATION :
Line : ±0.01% ±2mV for ±10% change in line voltage.
Load : ±0.01% ±2mV for load change from zero to full load.
Ripple & Noise : 1mV rms max. 20Hz to 20MHz.

Constant Current Mode :
REGULATION :
Line : ±0.01% ±10mA for ±10% change in line voltage.
Load : ±0.01% ±10mA for change in output voltage from 0 volts to maximum output voltage.
Ripple & Noise : <2mA rms max. 20 Hz to 20 MHz
Mode Indication : LED indication for constant voltage / constant current operation mode.

Output Polarity : Floating w.r.t. ground.

Overload Protection : Constant current type.

Transient Response : 100 micro sec within 10mV of set output voltage for load change from 10% to 90%.
Stability : Total drift within 8 hours, after 30 minutes warm-up under constant line, load and temperature.
< ±0.2% ±10mV in CV mode.
< ±0.5% ±10mA in current mode.
Operating Temperature : 0 to 50°C.
Temp. Coefficient : ±0.05% ±5mV per OC after initial warm-up of 30 minutes, in voltage mode.
Line Voltage : 230V AC ±10%, single phase 50Hz.

Output Voltage & Current :
Output voltage : 0-32V
Output current : 0-3A

Max Output Power(per channel):
≥100W
Total Output Power:
≥270W(Min)

Max voltage in series : 96V

- Phase Controlled Pre- Regulation Plus Linear Post- Regulation
- One Digital Meters - 3 Digit DPMs with V/A Selector Switch
- Constant Voltage / Constant Current Operation
- Interface - USB/LAN
- Remote Sensing Facility
- High Stability and Close Regulation ±0.01%

Special feature at Extra Cost

a) Presetting Facility
b) Over Voltage Protection
c) 19" Rack Mounting
d) Analog programming & monitoring for Voltage & Current.

Programming Resolution:
upto 10mV , 1 mA

Programming Accuracy:
≤0.3% ±20mV

	PV	PI	DIMENSIONS	MODEL	WEIGHT
32V	0-32V	0-3A	430 x 133 x 450	CBVS30/3T	21.5