



PURCHASE SPECIFICATION

for

PR - 2000053348

TITLE :- Specification High Voltage Power Supply

PUR.SPEC. NO : PS384_MEMU002

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BHARAT HEAVY ELECTRICALS LIMITED

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BANGALORE – 560026

BHEL - EDN



PURCHASE
SPECIFICATION

GROUP: SA - TESTING

PS384_MEMU002

REV. NO. : 00

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Specification of High Voltage Power Supply

Input Voltage

180-264Vac , 50/60Hz, Single phase, 90% efficiency, 0.85 power factor

Output Voltage

2KV DC , 3A

Voltage Regulation

Load: 0.05% of full voltage +500mV for full load change.

Line: 0.05% of full voltage +500mV over specified input ranges

Current Regulation

Load: 0.05% of full current $\pm 100\mu\text{A}$ for any voltage change.

Line: 0.05% of full current over specified input range.

Ripple: 0.3% p-p +1Vrms

Stability: 0.02%hr. after 1 hour warm-up

Temperature Coefficient : 100ppm/°C

Environmental:

Temperature Range:

Operating: 0°C to 40°C

Storage: -40°C to 85°C

Humidity: 10% to 90% RH, non-condensing

Metering: Digital voltage and current meters, accurate to within 1%

Make – M/s.Spellmann

Model – SR2PN6

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