



1.2K~1.5K Watt & 2K Watt Enclosed Parallel Power Supply



FEATURES

- Built in EMI filter
- Short circuit protection
- OLP, OVP, OTP
- Built in remote sense/control
- With parallel function

SPECIFICATIONS

- Input voltage.....200~260VAC; 1 ϕ 3wire
- Input frequency.....47-63Hz
- Input current.....11A@230V
- DC voltage Adj. $\pm 5\%$ (typical)
- Line regulation..... $\pm 1\%$
- Load regulation..... $\pm 2\%$
- Leakage current.....3.5mA (Max.)
- Withstand voltage: I/P-O/P, I/P-FG:1.25KV for 1 min.
- Working temp.: -10~50°C@100%, 65°C@50% load
- Safety standard.....Design refer to UL1950, CSA 950
- EMC standard: Design refer to FCC part 15 J class A
- Weight/packing.....4.5kgs/pc; 4pcs/20kgs

Model List

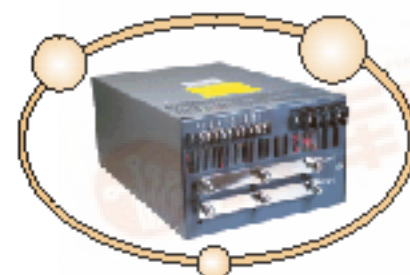
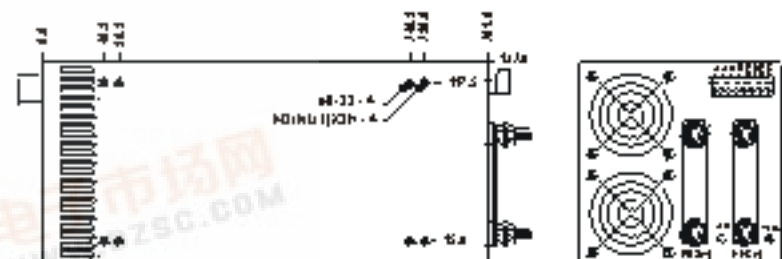
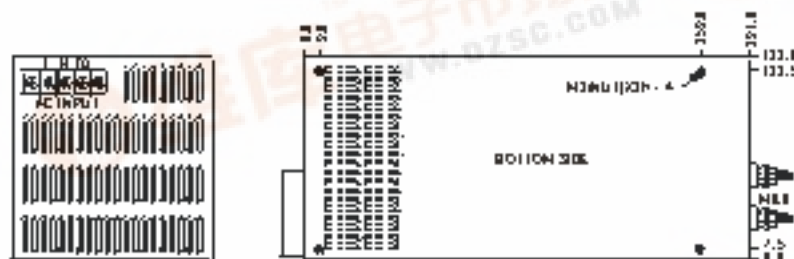
Model No.	Output	Tolerance	R&N	Eff.
1K2S-N003	3.3VDC/180A	$\pm 2\%$	$\pm 2\%$	77%
1K2S-N005	5VDC/180A	$\pm 2\%$	$\pm 2\%$	77%
1K2S-N012	12VDC/100A	$\pm 1\%$	$\pm 1\%$	83%
1K2S-N015	15VDC/80A	$\pm 1\%$	$\pm 1\%$	85%
1K2S-N024	24VDC/50A	$\pm 1\%$	$\pm 1\%$	85%
1K2S-N048	48VDC/25A	$\pm 1\%$	$\pm 1\%$	87%
1K5S-N005	5VDC/200A	$\pm 2\%$	$\pm 2\%$	80%
1K5S-N012	12VDC/125A	$\pm 1\%$	$\pm 1\%$	83%
1K5S-N015	15VDC/100A	$\pm 1\%$	$\pm 1\%$	84%
1K5S-N024	24VDC/62.5A	$\pm 1\%$	$\pm 1\%$	85%
1K5S-N048	48VDC/32A	$\pm 1\%$	$\pm 1\%$	87%

Note:

- The models with UL & cUL Approvals

Mechanical Drawing: (mm)

[Click to enlarge](#)



FEATURES

- Built in EMI filter
- Short circuit protection
- OLP, OVP, OTP
- Built in remote sense/control
- With parallel function

SPECIFICATIONS

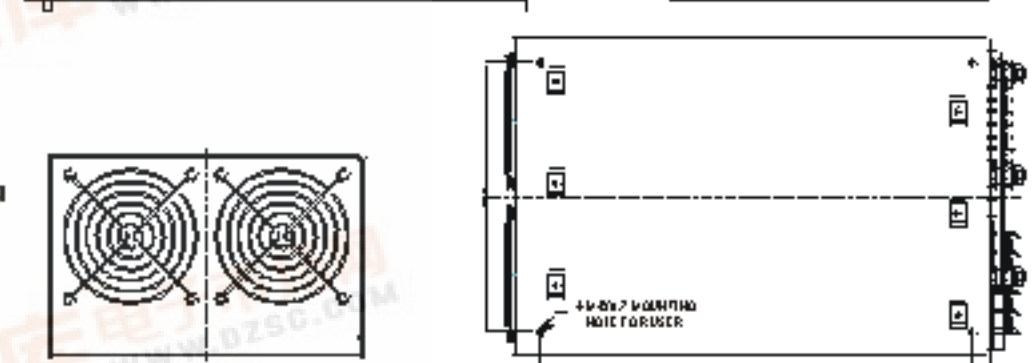
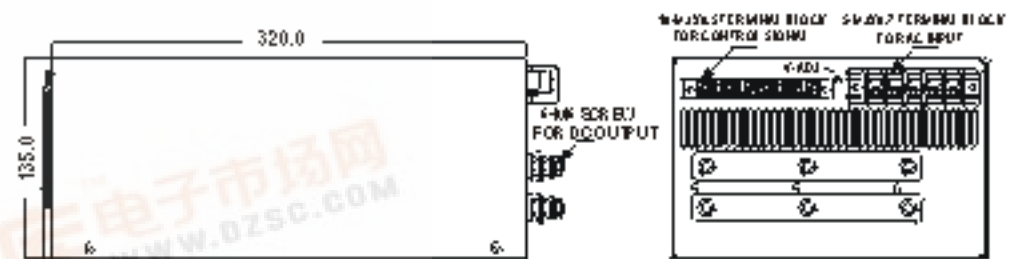
- Input voltage.....200~260VAC; 3 ϕ 4wire
- Input frequency.....47-63Hz
- Input current.....10A@230V; 1 ϕ
- DC voltage Adj. $\pm 5\%$ (typical)
- Line regulation..... $\pm 1\%$
- Load regulation..... $\pm 2\%$
- Leakage current.....3.5mA (Max.)
- Withstand voltage: I/P-O/P, I/P-FG:1.25KV for 1 min.
- Working temp.: -10~50°C@100%, 65°C@50% load
- Safety standard.....Design refer to UL1950, CSA 950
- EMC standard: Design refer to FCC part 15 J class A
- Weight/packing.....8.9kgs/pc; 1pcs/13.5kgs

Model List

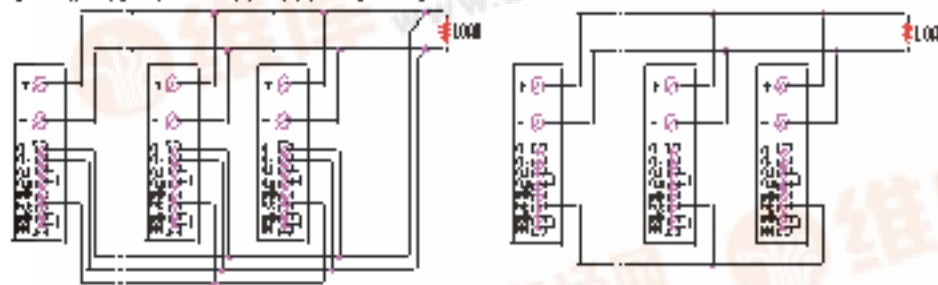
Model No.	Output	Tolerance	R&N	Eff.
2K0S-N005	5VDC/270A	$\pm 3\%$	$\pm 3\%$	78%
2K0S-N012	12VDC/167A	$\pm 2\%$	$\pm 2\%$	84%
2K0S-N015	15VDC/134A	$\pm 2\%$	$\pm 2\%$	84%
2K0S-N024	24VDC/83.5A	$\pm 1\%$	$\pm 1\%$	85%
2K0S-N048	48VDC/42A	$\pm 1\%$	$\pm 1\%$	86%

Mechanical Drawing: (mm)

[Click to enlarge](#)

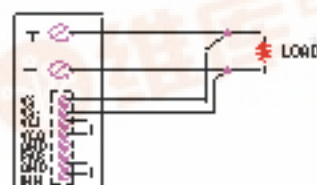


Parallel Schematics:

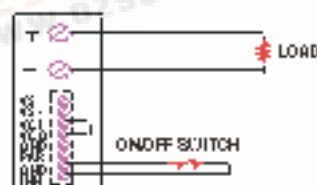


PARALLEL OPERATION WITH REMOTE SENSING

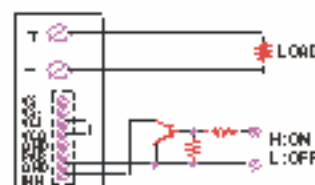
PARALLEL OPERATION WITHOUT REMOTE SENSING



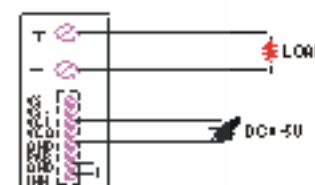
REMOTE SENSING



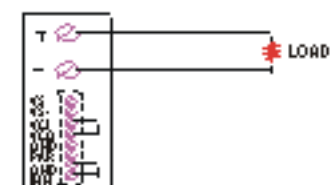
ON/OFF CONTROL BY SWITCH



ON/OFF CONTROL BY TRANSISTOR



OUTPUT VOLTAGE ADJUST WITH DC=5V



USING INTERNAL VOLTAGE CONTROL