

Switchbox FRA050 Series

50W SINGLE OUTPUT AC/DC DESKTOP ADAPTOR

Features

- Universal input
- IEC320 receptacle 2P or 3P
- Optional output connector
- OVP, OCP, OPP, auto recovery
- Meet CEC regulation



Specifications

INPUT

Voltage range	100-240VAC.
Inrush current	40A at 115VAC / 80A at 230VAC max.
Dielectric withstand	Input/output 3,000VDC.

OUTPUT

Output voltage	5-48V.
Ripple and noise	2% p-p max.
Load regulation	±5% max.
No load stand by power	<0.5W @ 230VAC.
Efficiency	>=85% for CEC requirement.
Hold up time	10mS at nominal line.
Protections	OCP, OVP, over power & short circuit.

GENERAL

Std output connector	Dc barrel jack.
Std output cable/length	UL1185, #18AWG / 5 ft.

ENVIRONMENTAL

Operating temperature	0°C to +40°C.
Storage temperature	-20°C to +85°C.

STANDARDS

Safety standards	IEC/UL/EN60950-1, CE, CB.
EMC	EN55022 (CISPR 22) class B, FCC class B.

MODEL NUMBER	OUTPUT VOLTAGE	OUTPUT CURRENT	MAX WATTS	CEC*
FRA050-S12-X	12~15 V	4.17~3.33 A	50 W	IV
FRA050-S15-X	15~18 V	3.33~2.87 A	50 W	IV
FRA050-S24-X	18~24 V	2.78~2.08 A	50 W	IV
FRA050-S36-X	30~36 V	1.67~1.38 A	50 W	IV
FRA050-S48-X	40~48 V	1.25~1.04 A	50 W	IV

*CEC compliance model provide under customer's request.

*CEC compliance model standby power (@ no load) <0.5W.

Note:

X = Inlet type code

X = 4, IEC320 C14

X = 6, IEC320 C6

X = 8, IEC320 C8

Specifications are subject to change without notice.

