

P R B X

POWERBOX Switchbox
 FRA024 Series
 12-24W
 Single Output
 AC/DC Switch Mode Adapter, Interchangeable or Fix AC Plug

Features

Universal input, wall mount style
 Interchangeable plug type available - kit sold separately
 Single output 12~24W, Anywhere output voltage 3~50VDC
 Meet CEC regulation, efficiency level VI

Input voltage range	90~264VAC.
Input current (rms)	0.7A max.
Efficiency	72% type. at full load. (Avg. Eff.) fit requirement for CEC models.
Output voltage	(anywhere output voltage) 3~50VDC.
Voltage regulation	± 5% max.
Max power	24W.
Withstand voltage	I/P-O/P: 3000 VAC.
Operating temperature	-10°C ~ +50°C derated linearly from 100% load @ 40°C to 75% load @ 50°C.
Storage temperature	-20°C ~ 85°C.
Operating humidity	20% to 90% RH.
Protections	OVP, OLP, short circuit protection.
Safety standard	IEC/UL/EN60950-1, CE, CB.
EMC standard	(EN55022, CISPR22, FCC Part 15) Class B, EN61000-3-2, 3, EN61000-4-2, 3, 4, 5, 6, 8, 11, EN55024.
Std output connector	DC barrel jack.
Std output cable / length	UL2468 1.5M (1.0M for 12V or lower).

Ordering information:

* CEC compliance model standby power (@ no load) < 0.075W

Note: x= AC plug/inlet type code



Model Number	Output Voltage	Output Current	Output Watts (max)	CEC*
FRA024-S03-x	3~5 VDC	4.00~2.40 A	12W	
FRA024-S05-x	5~6 VDC	3.00~2.50 A	15W	VI
FRA024-S07-x	6~8 VDC	2.50~1.88 A	15W	VI
FRA024-S09-x	8~11 VDC	2.50~1.82 A	20W	VI
FRA024-S12-x	11~13 VDC	2.20~1.85 A	24W	VI
FRA024-S15-x	13~16 VDC	1.85~1.50 A	24W	VI
FRA024-S18-x	16~21 VDC	1.50~1.15 A	24W	VI
FRA024-S24-x	21~27 VDC	1.15~0.90 A	24W	VI
FRA024-S30-x	27~33 VDC	0.90~0.73 A	24W	VI
FRA024-S36-x	33~40 VDC	0.73~0.60 A	24W	VI
FRA024-S48-x	40~50 VDC	0.60~0.48 A	24W	VI

x	Wall Mount Plug	x	Wallmount Plug
U	US plug	A	Australian plug
E	EU plug	I	Interchangeable plug
B	British plug		(IA, IB, IC, IU, IE)

