

DANUBE FRM060 series 30-60W Single / Dual Output AC-DC Adaptor



FEATURES

- Wide Input Voltage 90 to 264 VAC
- Single and dual Output
- Output Voltage Available From 3 VDC Thru 50 VDC
- OVP, OLP and short circuit protection
- Desktop style , Class I Insulation

SPECIFICATIONS

Input voltage.....	90~264VAC
Input Frequency.....	47-63Hz
Withstand Voltage.....	I/P-O/P(V+): 5656VDC, I/P-FG: 2828VDC
Efficiency.....	(Avg. Eff.) >=85% (for CEC req. Models)
Leakage current.....	Max. 0.3mA (for Class I)
Working Temp.....	-10 ~ +50 (derated linearly from 100% load @ 40 to 75% load @ 50)
Safety standard.....	UL/EN60601-1, CE, CB
EMI standard.....	FCC Part-18 class B and CISPR-11 EN55011 class B emission Limits
Standard Output Connector.....	DC barrel jack (single out) 4 pins power din, non-lock (dual out)
Standard Cable / Length.....	UL2464, UL1571, UL1185, 1.2M, depends on model

All Specifications are Typical at Nominal Line, full Load and 25°C.
Unless Otherwise Noted.



Model Number	Output Voltage(VDC)	Output Current (A)	Total Reg.	Max. Watts	CEC *
FRM060-S03-x	3 ~ 5	11.66 ~ 7.00	± 5%	35W	
FRM060-S05-x	5 ~ 6	9.00 ~ 7.50	± 5%	45W	
FRM060-S07-x	6 ~ 8	8.33 ~ 6.25	± 5%	50W	
FRM060-S09-x	8 ~ 11	6.25 ~ 4.54	± 5%	50W	
FRM060-S12-x	11 ~ 13	5.00 ~ 4.23	± 5%	55W	IV
FRM060-S120-x	12	5.00	± 5%	60W	IV
FRM060-S15-x	13 ~ 16	4.23 ~ 3.44	± 5%	55W	IV
FRM060-S18-x	16 ~ 21	3.44 ~ 2.62	± 5%	55W	IV
FRM060-S24-x	21 ~ 27	2.62 ~ 2.04	± 3%	55W	V
FRM060-S240-x	24	2.50	± 3%	60W	V
FRM060-S48-x	40 ~ 50	1.37 ~ 1.10	± 3%	55W	V
FRM060-S480-x	48	1.25	± 2%	60W	V

Dual Output Model Number	Output #1				Output #2				Max. Output Power
	Vo nom(VDC)	Io min(A)	Io max(A)	Reg. max	Vo nom(VDC)	Io min(A)	Io max(A)	Reg. Max	
FRM060-D01-x	+ 3.3	0.6	6	± 7%	+ 5	0.4	3	± 5%	30W
FRM060-D03-x	+ 3.3	0.6	6	± 7%	+ 12	0.4	3	± 5%	50W
FRM060-D07-x	+ 3.3	0.6	6	± 7%	+ 24	0.2	1.5	± 5%	50W
FRM060-D13-x	+ 5	0.6	6	± 5%	+ 12	0.4	3	± 5%	55W
FRM060-D15-x	+ 5	0.6	6	± 5%	+ 15	0.3	2.5	± 5%	55W
FRM060-D17-x	+ 5	0.6	6	± 5%	+ 24	0.2	1.5	± 5%	55W

Ordering Information

- * Those items with CEC level V(or IV) compliance are also compliant to ErP step 2(or step1).
- * CEC compliance model standby power (@no load) < 0.5 W.
- * For multi output models. Each out can load to it's max. Current. But the total power wattage shall not exceed Max. Output Power.
- * Note: x=Inlet Type code: x = 4, IEC320 C14 x = 6, IEC320 C6.

MECHANICAL DRAWING (mm)

