

30 ~ 42 Watts Single/Dual Output AC-DC Adaptor Medical Power Type



FEATURES

- ♦ Wide input, 90 to 264 VAC
- ♦ Medical Safety Marks Approved
- ♦ Internal EMI Filter
- ♦ 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
 Leakage current.....max. 0.3mA (For Class I)
 Operating Temperature..... -10°C ~ +60°C
 (derated linearly from 100% load @ 40°C to 50% load @ 60°C)
 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 output)
 4 pin Power Din w/o lock (dual output)
 Standard Cable / Length.....UL2464, UL1571, UL1185 / 1.2M
 which depends on different model

All specifications are typical at nominal line, full load and 25°C;
 unless otherwise noted.

Model Number	Output Voltage (VDC)	Output Current (A)	Max. Watts
FRM042-S03-x	3~5	10.00~6.00	30W
FRM042-S05-x	5~6	7.20~6.00	36W
FRM042-S07-x	6~8	6.00~4.50	36W
FRM042-S09-x	8~11	4.50~3.27	36W
FRM042-S12-x	11~13	3.82~3.23	42W
FRM042-S15-x	13~16	3.23~2.62	42W
FRM042-S18-x	16~21	2.62~2.00	42W
FRM042-S24-x	21~27	2.00~1.56	42W
FRM042-S48-x	40~50	1.05~0.84	42W

Ordering Information:

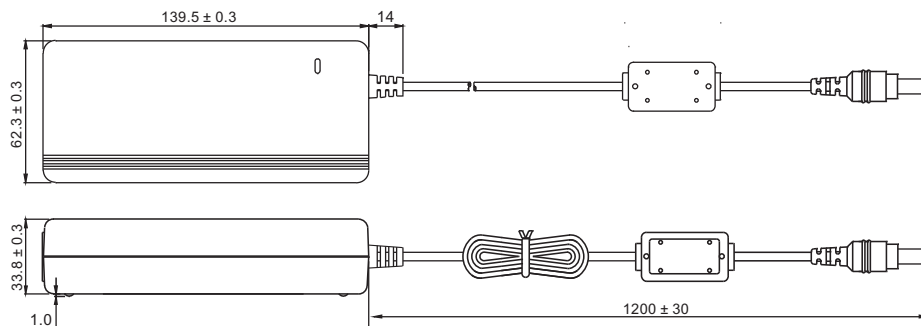
x=AC Inlet Type code

x = 4, IEC320 C14

x = 6, IEC320 C6

Dual Output Model Number	Output #1				Output #2				Max. Watts
	Vo nom (VDC)	Io min (A)	Io max (A)	Reg. max	Vo nom (VDC)	Io min (A)	Io max (A)	Reg. max	
FRM042-D03-x	+ 3.3	0.5	5	± 7%	+12	0.	2	± 5%	40 W
FRM042-D07-x	+ 3.3	0.5	5	± 7%	+24	0.2	1	± 5%	40 W
FRM042-D13-x	+5	0.5	5	± 5%	+12	0.3	2	± 5%	40 W
FRM042-D15-x	+5	0.5	5	± 7%	+15	0.3	2	± 5%	40 W
FRM042-D17-x	+5	0.5	5	± 5%	+24	0.2	1	± 5%	40 W

MECHANICAL DRAWING (Unit: mm)



Output Connector				
	+	●	-	Single
	Pin 1	+ V1		
	Pin 2	+ V2		
	Pin 3	GND		
	Pin 4	GND		
	Shield 5	GND		