

F R M O 3 O
S E R I E S



30 Watts Single Output AC-DC Adaptor Medical Power Type



FEATURES

- ◆ Universal Input, 90~264VAC
- ◆ Interchangeable plug type available (kit sold separately)
- ◆ Single output 30W, anywhere output voltage 11~27VDC
- ◆ Meet CEC regulation, efficiency level IV.
- ◆ Optional cc mode for battery charge
- ◆ Medical power, wall mount & desktop style
- ◆ 2 years warranty

SPECIFICATIONS

Input Voltage Range.....90~264VAC
 Input Current (rms).....0.7A Max.
 Efficiency.....80% min. at full load
 (Avg. Eff.) fit requirement for CEC models

Output Voltage.....11V ~ 27V
 Voltage Regulation.....± 5% max.
 Leakage current.....max. 0.1mA
 Withstand Voltage.....I/P-O/P(V+): 5656VDC, I/P-FG: 2828VDC
 Operating Temperature.....-10°C ~ +70°C
 (derated linearly from 100% load @ 40°C to 50% load @ 70°C)
 Storage Temperature.....-20°C ~ 85°C
 Operating Humidity.....20% to 90% RH
 Protections.....OVP, OLP, Short Circuit Protection
 Safety Standard.....UL/EN60601-1, CE, CB
 EMI standard.....CISPR-II / EN55011 / FCC part 18 class B
 Standard output connector.....Dc barrel jack
 Cable / length.....UL1185 / 4Ft.(desktop)
 UL2468 / 5 Ft.(wall mount)

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



MODEL Number	Output Voltage (V)	Output Current (A)	Output Max. Watts	CEC*
FRM030-S12-x	11V~13V	2.73~2.3A	30W	IV
FRM030-S15-x	13V~16V	2.3~1.87A	30W	IV
FRM030-S18-x	16V~21V	1.87~1.43A	30W	IV
FRM030-S24-x	21V~27V	1.43~1.11A	30W	IV

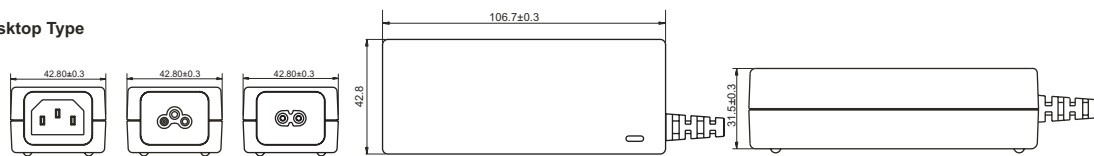
Ordering Information

- * CEC compliance model provide under customer's request .
- * CEC compliance model standby power (@no load) < 0.3 W.
- * Output constant current (CC) mode optional, suffix (-c) on model # (ex. FRM030-S03-x-c) when oder.
- * Note: x= AC Plug/Inlet Type code

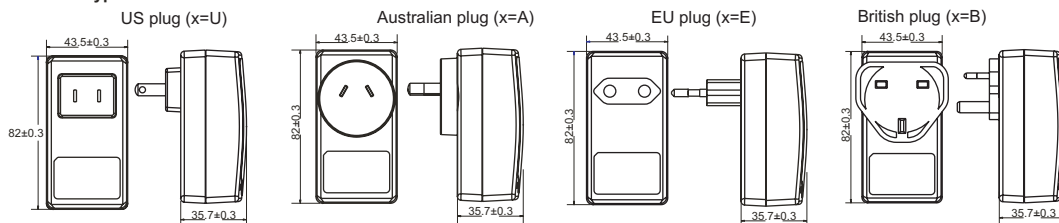
x	Wall Mount Plug	x	Desk Top AC Inlet
U	US plug	4	IEC320 C14
E	EU plug	6	IEC320 C6
B	British plug	8	IEC320 C8
A	Australian plug		
I	Interchangeable plug (IA, IB, IC, IU, IE)		

MECHANICAL DRAWING

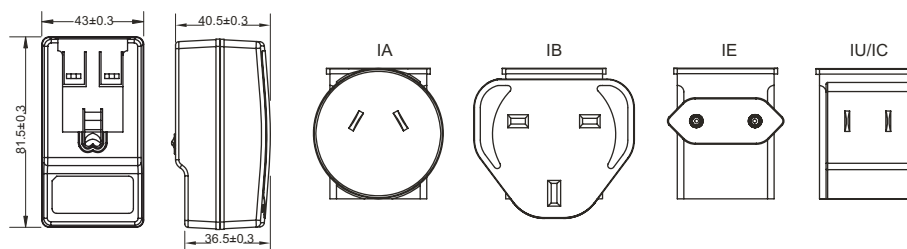
Desktop Type



Wall Mout Type



Interchangeable Type



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