



SMF60Q – SMF65Q Series

60 – 65 Watt AC-DC Open Frame Medical Power Supply
IEC 60101-1-2 4th Ed. EMC, Energy Efficiency Level VI

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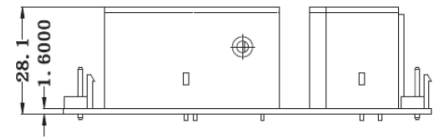
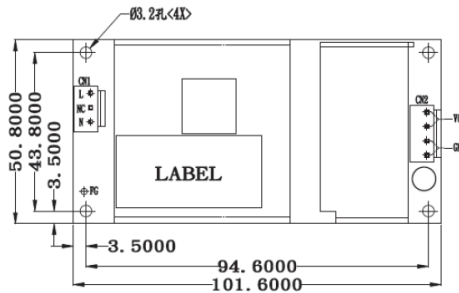


The SMF60Q – SMF65Q Series switch mode power supply offers 60 Watts to 65 Watts output power, with an output voltage range of 12 Vdc – 48 Vdc. Case style is an open frame with pin header, with ES/EN/IEC 60601-1 3.1 Edition safety approvals, IEC 60601-1-2 4th Edition EMC, UL/EN 60950-1 2nd Edition safety approvals, and Energy Efficiency Level 6.



Features:

- Universal Input 100 - 240 Vac
- Over-Voltage, Over-Current, and Short Circuit Protection
- 2 x MOPP Protection
- < 100 μ A Touch Current
- 100% Burn-In
- RoHS 2 Compliant
- Energy Efficiency Level: VI
- Meets IEC 60950-1 2nd Edition
- Meets IEC 60601-1-2: 2014 4th Edition EMC Requirements



SMF Q1 AR

Output Voltage: See Table

Output Power: See Table

Electrical Information

Input Voltage	90 to 264 Vac
Input Frequency	47 to 63 Hz
Input Current	0.7 – 1.6 A
Over-Voltage Protection	Unit is protected from over-voltage conditions
Over-Current Protection	Unit is protected from over-current conditions
Hold-Up Time	10 ms
Operating Temperature	0 - 50°C
Storage Temperature	-20 - 80°C
Weight	141 g (Ref.)
Industry Compliance	RoHS 2, Energy Efficiency Level VI
EMC Requirements	IEC 60601-1-2: 2014 4 th Edition
EMI Requirements	Meets Conduction and Radiation Limits of: Class B: FCC Part 18, CISPR-11, EN 55011
Safety Compliance	UL/c-UL (UL 60950-1: 2 nd Edition), CB (I.T.E.), FCC, UR/c-UR (ES 60601-1: 3.1 Edition), CE, TUV T- Mark (EN/IEC 60601-1: 3.1 Edition)

Output Voltage	Output Current	Output Power (Max.)
12 Vdc	5.00 A	60 W
15 Vdc	4.34 A	65 W
18 Vdc	3.62 A	65 W
19 Vdc	3.43 A	65 W
24 Vdc	2.71 A	65 W
48 Vdc	1.36 A	65 W