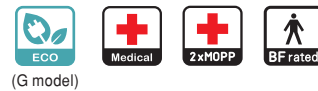




(Standard)



(Optional)



■ Features

- 5"×3" compact size
- Medical safety approved (2 x MOPP) according to ANSI/AAMI ES60601-1 and IEC/BS EN/EN 60601-1
- Suitable for BF application with appropriate system consideration
- 100W convection, 145W force air
- EMI Class B for Class I configuration
- No load power consumption < 0.75W by PS-ON control (G model)
- Extremely low leakage current
- 5Vdc standby output, Power Good, Power Fail
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Lifetime > 85K hours
- 3 years warranty

■ Applications

- Oral irrigator
- Hemodialysis machine
- Medical monitors
- Sleep apnea devices
- Pumps machine

■ GTIN CODE

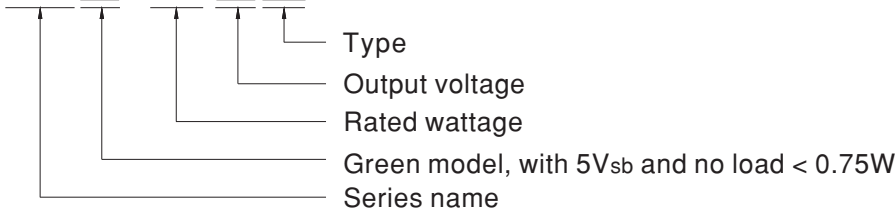
MW Search: <https://www.meanwell.com/serviceGTIN.aspx>

■ Description

RPT(G)-160 is a 145W highly reliable PCB type medical power supply with a high power density on the 5" by 3" footprint. It accepts 90~264VAC input and offers triple output voltages. The extremely low leakage current is less than 160μA. In addition, it conforms to international medical regulations (2*MOPP) and EMC BS EN/EN55011, perfectly fitting all kinds of BF rated "patient contact" medical system equipment. RPT(G)-160 series also offers the enclosed style model [RPT(G)-160-C].

■ Model Encoding

RPT **G** - 160 **A** - **C**



| Type | Description | Note |
|-------|----------------------|----------|
| Blank | PCB Type | In Stock |
| C | Enclosed casing type | Optional |

SPECIFICATION for PCB Type(standard)

| MODEL | | RPT(G)-160A | | | RPT(G)-160B | | | RPT(G)-160C | | | RPT(G)-160D | | | |
|---------------------------|---|---|-------------------------|------------|-------------|---|--|-------------------|-----------|------------|-------------|-----------|------------|-------------|
| OUTPUT | OUTPUT NUMBER | CH1 | CH2 | CH3 | CH1 | CH2 | CH3 | CH1 | CH2 | CH3 | CH1 | CH2 | CH3 | |
| | DC VOLTAGE | 5V | 12V | -5V | 5V | 12V | -12V | 5V | 15V | -15V | 5V | 12V | 24V | |
| | CURRENT | RATED (20.5CFM) | 14A | 5.5A | 1A | 14A | 5A | 1A | 14A | 3.6A | 1A | 11A | 5A | 1.2A |
| | | RANGE (20.5CFM) | 0.6 ~ 14A | 0.2 ~ 5.5A | 0.1 ~ 1A | 0.6 ~ 14A | 0.2 ~ 5A | 0.1 ~ 1A | 0.6 ~ 14A | 0.1 ~ 3.6A | 0.1 ~ 1A | 0.3 ~ 11A | 0.2 ~ 5A | 0.15 ~ 1.2A |
| | | RANGE (convection) | 0.6 ~ 9A | 0.2 ~ 3.8A | 0.1 ~ 0.6A | 0.6 ~ 9A | 0.2 ~ 3.4A | 0.1 ~ 0.8A | 0.6 ~ 9A | 0.1 ~ 2.6A | 0.1 ~ 0.8A | 0.3 ~ 8A | 0.2 ~ 2.6A | 0.15 ~ 1A |
| | RATED POWER | 20.5CFM Note.2 | 145W | | | 146W | | | 143W | | | 147.8W | | |
| | | Convection Note.3 | 98.6W | | | 98.4W | | | 99W | | | 98.2W | | |
| | RIPPLE & NOISE (max.) Note.4 | 60mVp-p | 80mVp-p | 120mVp-p | 60mVp-p | 100mVp-p | 100mVp-p | 60mVp-p | 80mVp-p | 100mVp-p | 80mVp-p | 100mVp-p | 120mVp-p | |
| | VOLTAGE ADJ. RANGE | CH1:5 ~ 5.5V | | | | | | | | | | | | |
| | VOLTAGE TOLERANCE Note.5 | ±2.0% | ±5.0% | -5,+7% | ±2.0% | ±5.0% | -4,+5% | ±2.0% | ±4.0% | ±8.0% | ±2.0% | ±5.0% | +7,-5% | |
| | LINE REGULATION | ±0.5% | ±1.0% | ±1.0% | ±0.5% | ±1.0% | ±1.0% | ±0.5% | ±1.0% | ±1.0% | ±0.5% | ±1.0% | ±1.0% | |
| | LOAD REGULATION | ±1.5% | ±3.0% | -5,+6% | ±1.5% | ±3.0% | -4,+5% | ±2.0% | ±3.0% | ±8.0% | ±1.5% | ±3.0% | -3,+4% | |
| SETUP, RISE TIME | 1800ms, 30ms/230VAC 3500ms, 30ms/115VAC at full load | | | | | | | | | | | | | |
| HOLD UP TIME (Typ.) | 30ms/230VAC 20ms/115VAC at full load | | | | | | | | | | | | | |
| INPUT | VOLTAGE RANGE Note.6 | 90 ~ 264VAC 127 ~ 370VDC | | | | | | | | | | | | |
| | FREQUENCY RANGE | 47 ~ 63Hz | | | | | | | | | | | | |
| | POWER FACTOR (Typ.) | PF>0.93/230VAC PF>0.98/115VAC at full load | | | | | | | | | | | | |
| | EFFICIENCY (Typ.) | 84% | | | 84% | | | 83% | | | 83% | | | |
| | AC CURRENT (Typ.) | 1.8A/115VAC 0.9A/230VAC | | | | | | | | | | | | |
| | INRUSH CURRENT (Typ.) | COLD START 35A/115VAC 70A/230VAC | | | | | | | | | | | | |
| | LEAKAGE CURRENT (max.) Note.7 | Earth leakage current < 160 μA/264VAC , Touch current < 100 μA/264VAC | | | | | | | | | | | | |
| PROTECTION | OVERLOAD | 105 ~ 135% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed | | | | | | | | | | | | |
| | OVER VOLTAGE | Ch1: 5.7 ~ 6.8V Protection type : Shut down o/p voltage, re-power on to recover | | | | | | | | | | | | |
| | OVER TEMPERATURE | TSW1: Shut down o/p voltage, recovers automatically after temperature goes down TSW2: Shut down o/p voltage, re-power on to recover | | | | | | | | | | | | |
| FUNCTION | 5V STANDBY (G model) | 5Vsb : 5V@0.6A without fan, 0.8A with fan 20.5CFM ; Tolerance ± 2%, ripple : 50mVp-p(max.) | | | | | | | | | | | | |
| | PS-ON INPUT SIGNAL (G model) | Power on: PS-ON = "Hi" or " > 2 ~ 5V" ; Power off: PS-ON = "Low" or " < 0 ~ 0.5V" | | | | | | | | | | | | |
| | POWER GOOD / POWER FAIL | 500ms>PG>10ms PF>1ms | | | | | | | | | | | | |
| ENVIRONMENT | WORKING TEMP. | -20 ~ +70°C (Refer to "Derating Curve") | | | | | | | | | | | | |
| | WORKING HUMIDITY | 20 ~ 90% RH non-condensing | | | | | | | | | | | | |
| | STORAGE TEMP., HUMIDITY | -40 ~ +85°C, 10 ~ 95% RH non-condensing | | | | | | | | | | | | |
| | TEMP. COEFFICIENT | ±0.03%/°C (0 ~ 50°C) | | | | | | | | | | | | |
| | VIBRATION | 10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes | | | | | | | | | | | | |
| | OPERATING ALTITUDE Note.8 | 3000 meters | | | | | | | | | | | | |
| SAFETY & EMC (Note 10) | SAFETY STANDARDS | IEC 60601-1:2005+A1, TUV BS EN/ EN 60601-1:2006+A1+A12+A2, ANSI/AAMI ES60601-1:2005+A2 CAN/CSA C22.2 No. 60601-1:2014+A2, EAC TP TC 004 approved; Design refer to BS EN/EN60335-1(by request) | | | | | | | | | | | | |
| | ISOLATION LEVEL | Primary-Secondary: 2xMOPP, Primary-Earth:1xMOPP, Secondary-Earth:1xMOPP | | | | | | | | | | | | |
| | WITHSTAND VOLTAGE | I/P-O/P:4KVAC I/P-FG:2KVAC O/P-FG:1.5KVAC | | | | | | | | | | | | |
| | ISOLATION RESISTANCE | I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH | | | | | | | | | | | | |
| | EMC EMISSION | Parameter | Standard | | | | | Test Level / Note | | | | | | |
| | | Conducted emission | BS EN/EN55011 (CISPR11) | | | | | Class B | | | | | | |
| | | Radiated emission | BS EN/EN55011 (CISPR11) | | | | | Class B | | | | | | |
| | | Harmonic current | BS EN/EN61000-3-2 | | | | | Class A | | | | | | |
| | Voltage flicker | BS EN/EN61000-3-3 | | | | | ----- | | | | | | | |
| | EMC IMMUNITY | BS EN/EN55035, BS EN/EN60601-1-2 | | | | | | | | | | | | |
| Parameter | | Standard | | | | | Test Level / Note | | | | | | | |
| ESD | | BS EN/EN61000-4-2 | | | | | Level 4, 15KV air ; Level 4, 8KV contact | | | | | | | |
| RF field susceptibility | | BS EN/EN61000-4-3 | | | | | Level 3, 10V/m(80MHz~2.7GHz) Table 9, 9~28V/m(385MHz~5.78GHz) | | | | | | | |
| EFT bursts | | BS EN/EN61000-4-4 | | | | | Level 3, 2KV | | | | | | | |
| Surge susceptibility | | BS EN/EN61000-4-5 | | | | | Level 3, 2KV/Line-FG ; 1KV/Line-Line | | | | | | | |
| Conducted susceptibility | | BS EN/EN61000-4-6 | | | | | Level 3, 10V | | | | | | | |
| Magnetic field immunity | | BS EN/EN61000-4-8 | | | | | Level 4, 30A/m | | | | | | | |
| Voltage dip, interruption | BS EN/EN61000-4-11 | | | | | 100% dip 1 periods, 30% dip 25 periods, 100% interruptions 250 periods | | | | | | | | |
| OTHERS | MTBF | 1719.1K hrs min. Telcordia SR-332 (Bellcore) ; 175.1K hrs min. MIL-HDBK-217F (25°C) | | | | | | | | | | | | |
| | DIMENSION (L*W*H) | PCB type: 127*76.2*34.6mm or 5"*3"*1.36" inch | | | | | | | | | | | | |
| | PACKING | 0.33Kg; 36pcs/12.9Kg/0.96CUFT | | | | | | | | | | | | |

NOTE

- All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
- The rated power includes 5Vsb @ 0.8A.
- The rated power includes 5Vsb @ 0.6A.
- Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 μ F & 47 μ F parallel capacitor.
- Tolerance : includes set up tolerance, line regulation and load regulation.
- Derating may be needed under low input voltages. Please check the derating curve for more details.
- Touch current was measured from primary input to DC output.
- The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m(6500ft).
- HS1,HS2 & HS3 can not be shorted.
- The power supply is considered a component which will be installed into a final equipment. All the EMC tests are been executed by mounting the unit on a 360mm*360mm metal plate with 1mm of thickness. The final equipment must be re-confirmed that it still meets EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies." (as available on https://www.meanwell.com/Upload/PDF/EMI_statement_en.pdf)

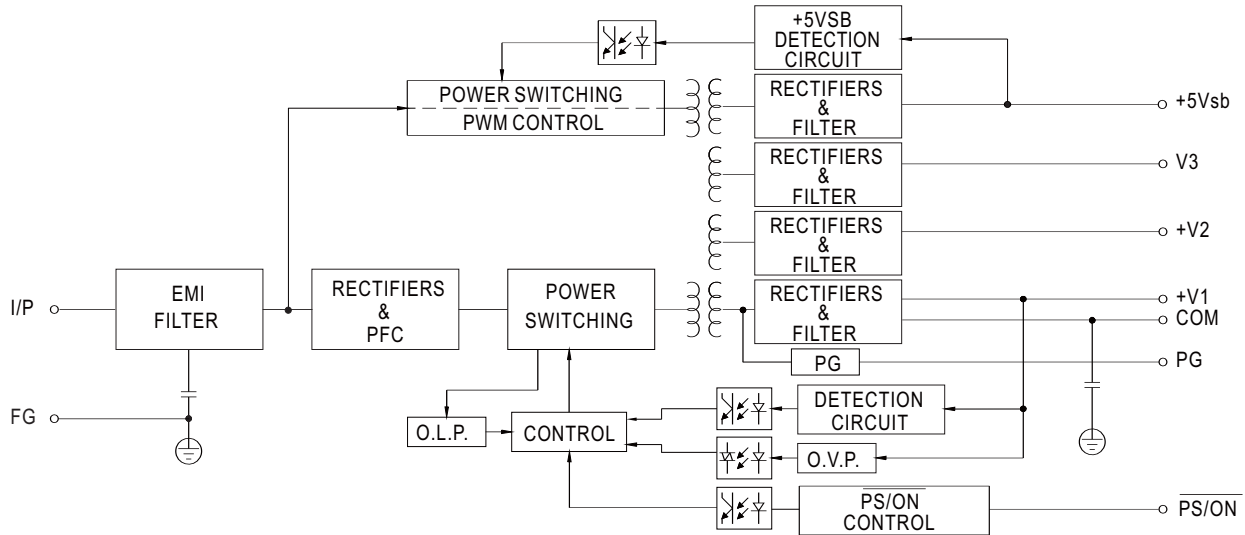
※ Product Liability Disclaimer : For detailed information, please refer to <https://www.meanwell.com/serviceDisclaimer.aspx>

SPECIFICATION for Enclosed Type(optional)

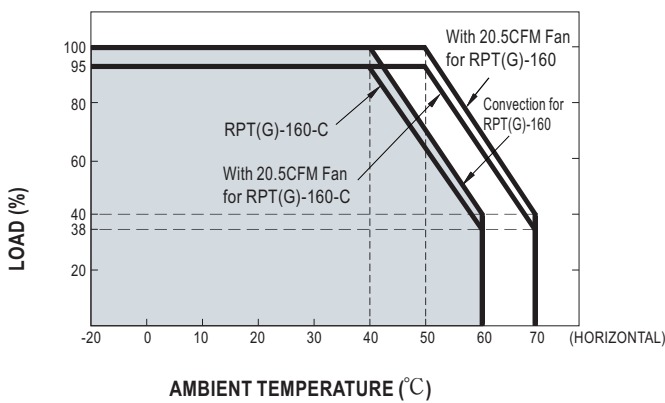
| MODEL | | RPT(G)-160A-C | | | RPT(G)-160B-C | | | RPT(G)-160C-C | | | RPT(G)-160D-C | | | |
|---------------------------|---|--|-------------------|----------------------------------|-----------------------------|-------------|---|----------------|--|------------|---------------|-------------|------------|--------------|
| OUTPUT | OUTPUT NUMBER | CH1 | CH2 | CH3 | CH1 | CH2 | CH3 | CH1 | CH2 | CH3 | CH1 | CH2 | CH3 | |
| | DC VOLTAGE | 5V | 12V | -5V | 5V | 12V | -12V | 5V | 15V | -15V | 5V | 12V | 24V | |
| | CURRENT | RATED (20.5CFM) | 13.3A | 5.2A | 0.95A | 13.3A | 4.8A | 0.95A | 13.3A | 3.4A | 0.95A | 10.5A | 4.8A | 1.14A |
| | | RANGE (20.5CFM) | 0.6 ~ 13.3A | 0.2 ~ 5.2A | 0.1 ~ 0.95A | 0.6 ~ 13.3A | 0.2 ~ 4.8A | 0.1 ~ 0.95A | 0.6 ~ 13.3A | 0.1 ~ 3.4A | 0.1 ~ 0.95A | 0.3 ~ 10.5A | 0.2 ~ 4.8A | 0.15 ~ 1.14A |
| | | RANGE (convection) | 0.6 ~ 8.5A | 0.2 ~ 3.6A | 0.1 ~ 0.57A | 0.6 ~ 8.5A | 0.2 ~ 3.2A | 0.1 ~ 0.76A | 0.6 ~ 8.5A | 0.1 ~ 2.5A | 0.1 ~ 0.76A | 0.3 ~ 7.6A | 0.2 ~ 2.5A | 0.15 ~ 0.95A |
| | RATED POWER | 20.5CFM Note.2 | 137.7W | | | 139.5W | | | 135.8W | | | 141.5W | | |
| | | Convection Note.3 | 91.6W | | | 93W | | | 94.4W | | | 93.8W | | |
| | RIPPLE & NOISE (max.) Note.4 | 60mVp-p | 80mVp-p | 120mVp-p | 60mVp-p | 100mVp-p | 100mVp-p | 60mVp-p | 80mVp-p | 100mVp-p | 80mVp-p | 100mVp-p | 120mVp-p | |
| | VOLTAGE ADJ. RANGE | CH1:5 ~ 5.5V | | | | | | | | | | | | |
| | VOLTAGE TOLERANCE Note.5 | ±2.0% | ±5.0% | -5,+7% | ±2.0% | ±5.0% | -4,+5% | ±2.0% | ±4.0% | ±8.0% | ±2.0% | ±5.0% | +7,-5% | |
| LINE REGULATION | ±0.5% | ±1.0% | ±1.0% | ±0.5% | ±1.0% | ±1.0% | ±0.5% | ±1.0% | ±1.0% | ±0.5% | ±1.0% | ±1.0% | | |
| LOAD REGULATION | ±1.5% | ±3.0% | -5,+6% | ±1.5% | ±3.0% | -4,+5% | ±2.0% | ±3.0% | ±8.0% | ±1.5% | ±3.0% | -3,+4% | | |
| SETUP, RISE TIME | 1800ms, 30ms/230VAC | | | 3500ms, 30ms/115VAC at full load | | | | | | | | | | |
| HOLD UP TIME (Typ.) | 30ms/230VAC | | | 20ms/115VAC at full load | | | | | | | | | | |
| INPUT | VOLTAGE RANGE Note.6 | 90 ~ 264VAC | | | 127 ~ 370VDC | | | | | | | | | |
| | FREQUENCY RANGE | 47 ~ 63Hz | | | | | | | | | | | | |
| | POWER FACTOR (Typ.) | PF>0.93/230VAC | | | PF>0.98/115VAC at full load | | | | | | | | | |
| | EFFICIENCY (Typ.) | 84% | | | 84% | | | 83% | | | 83% | | | |
| | AC CURRENT (Typ.) | 1.8A/115VAC | | | 0.9A/230VAC | | | | | | | | | |
| | INRUSH CURRENT (Typ.) | COLD START 35A/115VAC | | | 70A/230VAC | | | | | | | | | |
| | LEAKAGE CURRENT (max.) Note.7 | Earth leakage current < 160 μA/264VAC , Touch current < 100 μA/264VAC | | | | | | | | | | | | |
| PROTECTION | OVERLOAD | 105 ~ 135% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed | | | | | | | | | | | | |
| | OVER VOLTAGE | Ch1: 5.7 ~ 6.8V Protection type : Shut down o/p voltage, re-power on to recover | | | | | | | | | | | | |
| | OVER TEMPERATURE | TSW1: Shut down o/p voltage, recovers automatically after temperature goes down TSW2: Shut down o/p voltage, re-power on to recover | | | | | | | | | | | | |
| FUNCTION | 5V STANDBY (G model) | 5Vsb : 5V@0.6A without fan, 0.8A with fan 20.5CFM ; Tolerance ± 2%, ripple : 50mVp-p(max.) | | | | | | | | | | | | |
| | PS-ON INPUT SIGNAL (G model) | Power on: PS-ON = "Hi" or " > 2 ~ 5V" ; Power off: PS-ON = "Low" or " < 0 ~ 0.5V" | | | | | | | | | | | | |
| | POWER GOOD / POWER FAIL | 500ms>PG>10ms | | | PF>1ms | | | | | | | | | |
| ENVIRONMENT | WORKING TEMP. | -20 ~ +70°C (Refer to "Derating Curve") | | | | | | | | | | | | |
| | WORKING HUMIDITY | 20 ~ 90% RH non-condensing | | | | | | | | | | | | |
| | STORAGE TEMP., HUMIDITY | -40 ~ +85°C , 10 ~ 95% RH non-condensing | | | | | | | | | | | | |
| | TEMP. COEFFICIENT | ±0.03%/°C (0 ~ 50°C) | | | | | | | | | | | | |
| | VIBRATION | 10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes | | | | | | | | | | | | |
| | OPERATING ALTITUDE Note.8 | 3000 meters | | | | | | | | | | | | |
| SAFETY & EMC (Note 10) | SAFETY STANDARDS | Design refer to IEC60601-1, EAC TP TC 004, TUV BS EN/EN60601-1(Pending for CB/TUV) | | | | | | | | | | | | |
| | ISOLATION LEVEL | Primary-Secondary: 2xMOPP, Primary-Earth:1xMOPP, Secondary-Earth:1xMOPP | | | | | | | | | | | | |
| | WITHSTAND VOLTAGE | I/P-O/P:4KVAC | | | I/P-FG:2KVAC | | | O/P-FG:1.5KVAC | | | | | | |
| | ISOLATION RESISTANCE | I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH | | | | | | | | | | | | |
| | EMC EMISSION | Parameter | | Standard | | | | | Test Level / Note | | | | | |
| | | Conducted emission | | BS EN/EN55011 (CISPR11) | | | | | Class B | | | | | |
| | | Radiated emission | | BS EN/EN55011 (CISPR11) | | | | | Class B | | | | | |
| | | Harmonic current | | BS EN/EN61000-3-2 | | | | | Class A | | | | | |
| | Voltage flicker | | BS EN/EN61000-3-3 | | | | | ----- | | | | | | |
| | EMC IMMUNITY | BS EN/EN55035, BS EN/EN60601-1-2 | | | | | | | | | | | | |
| | | Parameter | | Standard | | | | | Test Level / Note | | | | | |
| | | ESD | | BS EN/EN61000-4-2 | | | | | Level 4, 15KV air ; Level 4, 8KV contact | | | | | |
| | | RF field susceptibility | | BS EN/EN61000-4-3 | | | | | Level 3, 10V/m(80MHz~2.7GHz) Table 9, 9~28V/m(385MHz~5.78GHz) | | | | | |
| | | EFT bursts | | BS EN/EN61000-4-4 | | | | | Level 3, 2KV | | | | | |
| | | Surge susceptibility | | BS EN/EN61000-4-5 | | | | | Level 3, 2KV/Line-FG ; 1KV/Line-Line | | | | | |
| Conducted susceptibility | | BS EN/EN61000-4-6 | | | | | Level 3, 10V | | | | | | | |
| Magnetic field immunity | | BS EN/EN61000-4-8 | | | | | Level 4, 30A/m | | | | | | | |
| Voltage dip, interruption | | BS EN/EN61000-4-11 | | | | | 100% dip 1 periods, 30% dip 25 periods, 100% interruptions 250 periods | | | | | | | |
| OTHERS | MTBF | 1719.1K hrs min. Telcordia SR-332 (Bellcore) ; 175.1K hrs min. MIL-HDBK-217F (25°C) | | | | | | | | | | | | |
| | DIMENSION | Enclosed type: 130*86*43mm or 5.11"*3.39"*1.69" inch | | | | | | | | | | | | |
| | PACKING | 0.49Kg; 24pcs/12.8Kg/0.77CUFT | | | | | | | | | | | | |
| NOTE | <ol style="list-style-type: none"> All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. The rated power includes 5Vsb @ 0.8A. The rated power includes 5Vsb @ 0.6A. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 μ F & 47 μ F parallel capacitor. Tolerance : includes set up tolerance, line regulation and load regulation. Derating may be needed under low input voltages. Please check the derating curve for more details. Touch current was measured from primary input to DC output. The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m(6500ft). HS1,HS2 & HS3 can not be shorted. The power supply is considered a component which will be installed into a final equipment. All the EMC tests are been executed by mounting the unit on a 360mm*360mm metal plate with 1mm of thickness. The final equipment must be re-confirmed that it still meets EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies." (as available on https://www.meanwell.com/Upload/PDF/EMI_statement_en.pdf) <p>※ Product Liability Disclaimer : For detailed information, please refer to https://www.meanwell.com/serviceDisclaimer.aspx</p> | | | | | | | | | | | | | |

Block Diagram

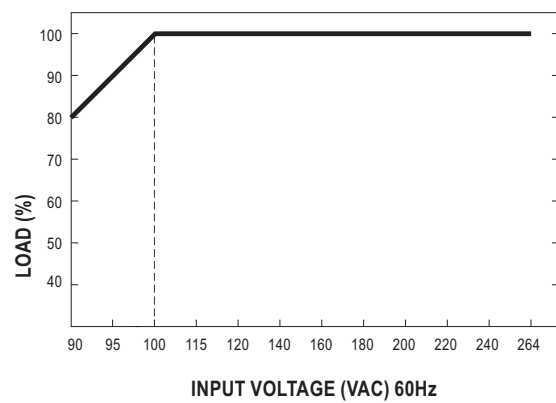
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Derating Curve



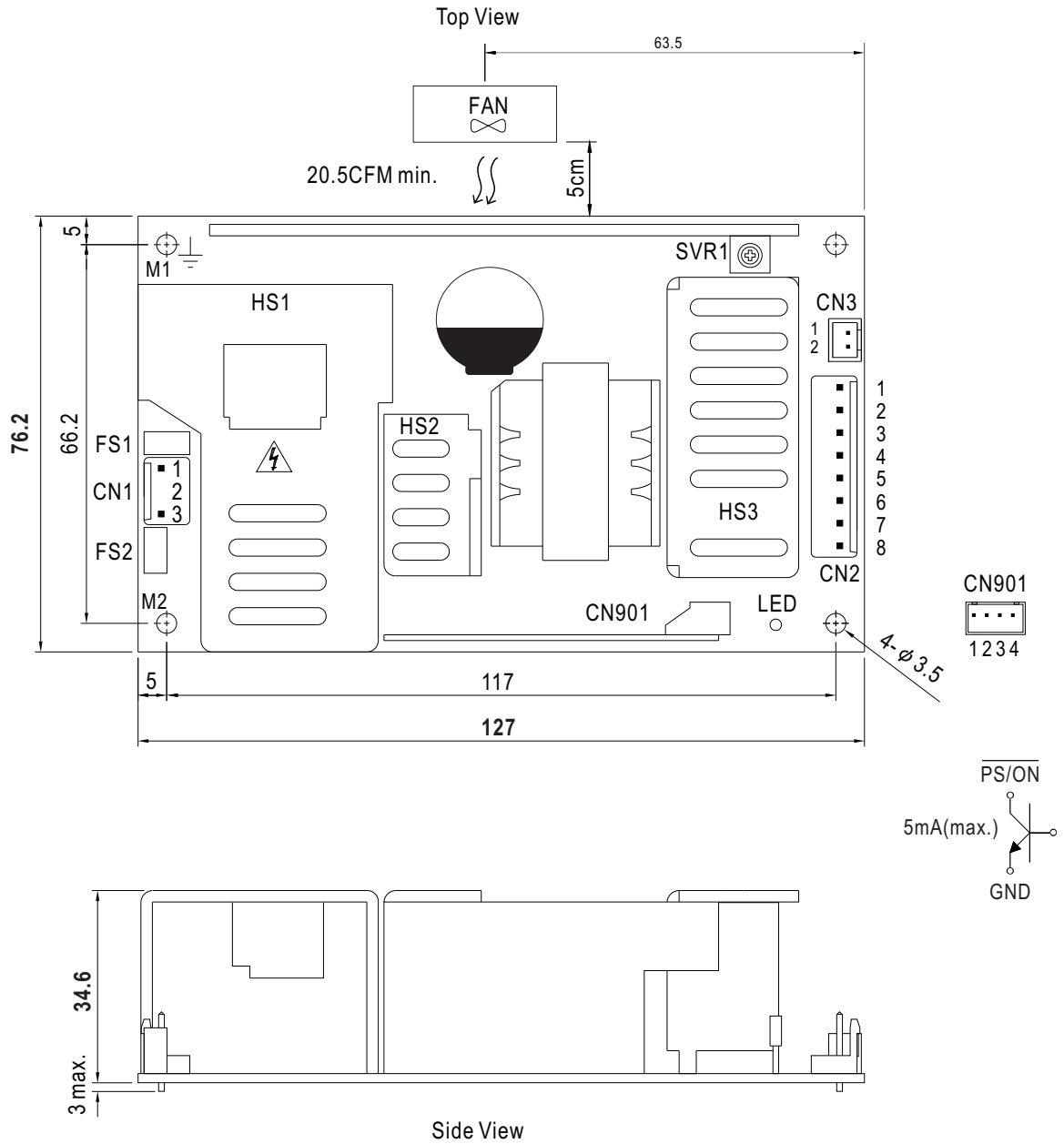
Output Derating VS Input Voltage



■ Mechanical Specification

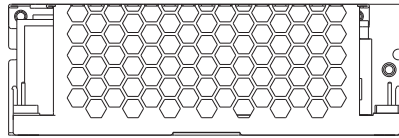
Unit:mm

● PCB Type: RPT-160(G)

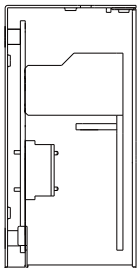
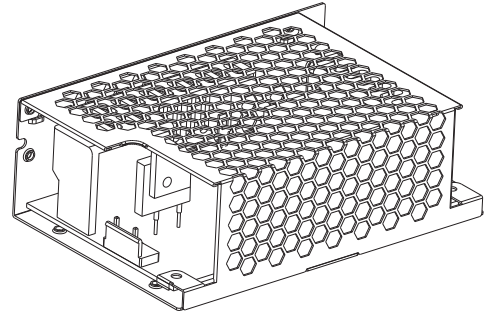


● Enclosed Type: RPT-160(G)-C

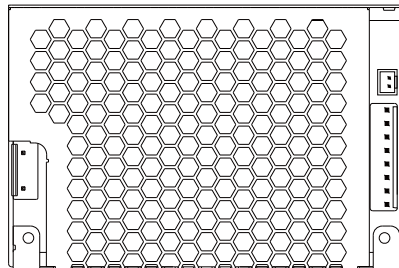
Case No.247A Unit:mm



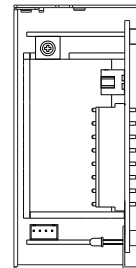
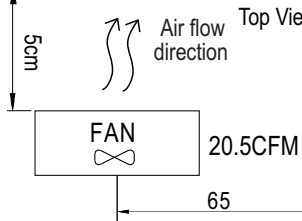
Side View



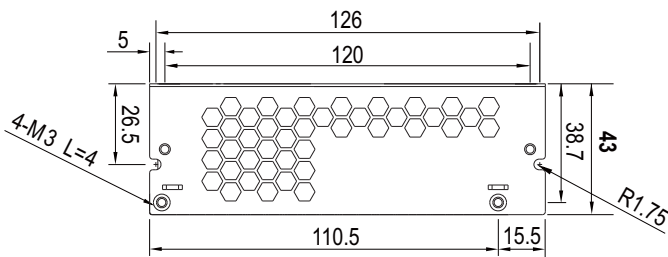
Side View



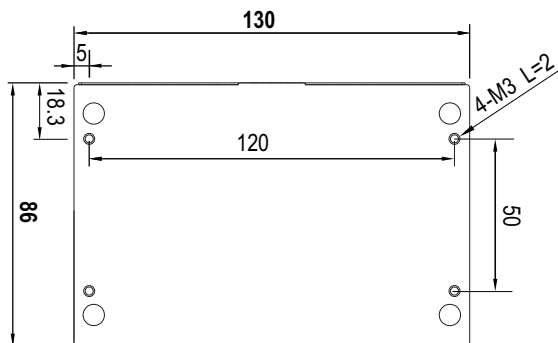
Top View



Side View



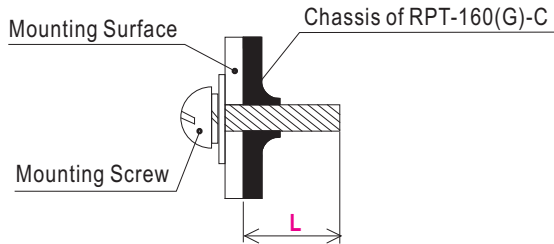
Side View



Bottom View

※ Mounting Instruction

| Hole No. | Recommended Screw Size | MAX. Penetration Depth L | Recommended mounting torque |
|----------|------------------------|--------------------------|-----------------------------|
| ① ② | M3 | 2mm | 4~6Kgf-cm |



AC Input Connector (CN1) : JST B3P-VH or equivalent

| Pin No. | Assignment | Mating Housing | Terminal |
|---------|------------|-----------------------|--------------------------------|
| 1 | AC/L | JST VHR or equivalent | JST SVH-21T-P1.1 or equivalent |
| 2 | No Pin | | |
| 3 | AC/N | | |

DC Output Connector (CN2) : JST B8P-VH or equivalent

| Pin No. | Assignment | Mating Housing | Terminal |
|---------|------------|-----------------------|--------------------------------|
| 1,2,3,4 | COM | JST VHR or equivalent | JST SVH-21T-P1.1 or equivalent |
| 5,6 | CH1 | | |
| 7 | CH2 | | |
| 8 | CH3 | | |

Power Good Connector(CN3):JST B2B-XH or equivalent

| Pin No. | Status | Mating Housing | Terminal |
|---------|--------|-----------------------|---------------------------------|
| 1 | PG | JST XHP or equivalent | JST SXH-001T-P0.6 or equivalent |
| 2 | GND | | |

5VSB Connector(CN901) : JST B-XH or equivalent

| Pin No. | Assignment | Mating Housing | Terminal |
|---------|------------|-----------------------|----------------------------|
| 1 | PS/ON | JST XHP or equivalent | JST SXH-001T or equivalent |
| 2,4 | GND | | |
| 3 | 5VSB | | |

- ⚠ 1.HS1,HS2,HS3 can not be shorted
2.M1 and M2 are Safety ground and should all be grounded.

- ※ Note: 1. The PCB type (Blank Type) model delivers EMI Class B for both conducted emission and radiated emission for the power supply, when configured into either Class I (with FG).
2. The enclosed type (-C type) model is not suitable for configuration within a Class II (no FG) system, but suggested within a Class I (with FG) system.
3. Mounting Instruction for Enclosed type only.

■ INSTALLATION MANUAL

Please refer to : <http://www.meanwell.com/manual.html>