



■ Features :

- Universal AC input / Full range
- 3 pole AC inlet IEC320-C14
- Class I power (with earth pin)
- Full output 3~48V safety approval
- Protections: Short circuit/ Over load/ Over voltage/ Over temp.
- Fix switching frequency and regulation
- LED indicator for power on
- Fully enclosed plastic case
- Topology: Top switch circuit
- Approvals: UL/ CUL/ TUV/ CB/ CE
- 2 years warranty

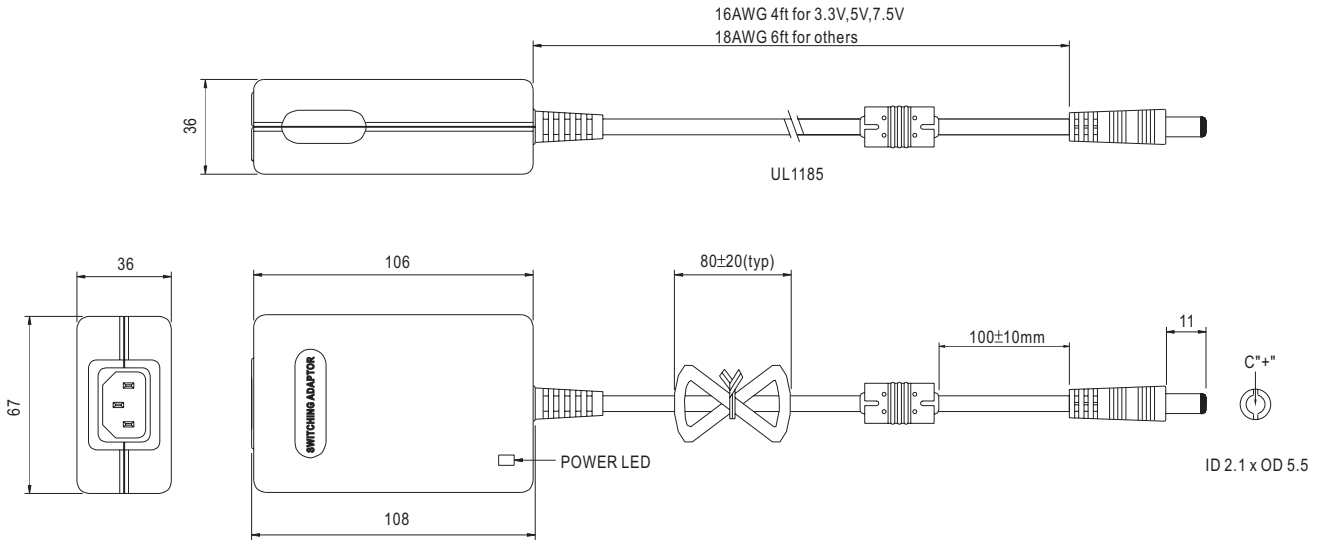


SPECIFICATION

| ORDER NO. | MES30A-0P1J | MES30A-1P1J | MES30A-1P1J | MES30A-2P1J | MES30A-3P1J | MES30A-4P1J | MES30A-5P1J | MES30A-6P1J | MES30A-8P1J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|-------------|-------------|-------------|-------------|-----------------------------|-------------|-------------|-------------|--|-------------------------|--|----------|------------|----------|----------|-----------------------------|----------|----------|----------|--------------------------|---|--|------|----|-----|-----|-----|-----|-----|--------------------------------|------------------------------------|---------------------|-------------------------------|-------|------|------|-------|-------|-------|---------------------------------------|--|--------|-----------|--|----------|----------|-----------|-----------|-----------|------------------------------|---|-----|-----|-------------------------|--|-----|-----|-----|-----|---|--|---------|---------|---------|---------|---|---------|---------|----------|---------------------------|-------|--|--|--|--|--|--|--|--|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------------------|--------------------------------|--|--|--|--|--|--|--|--|
| OUTPUT | <table border="1"> <tr> <td>SAFETY MODEL NO.</td> <td>MES30A-0</td> <td>MES30A-1</td> <td>MES30A-1-1</td> <td>MES30A-2</td> <td>MES30A-3</td> <td>MES30A-4</td> <td>MES30A-5</td> <td>MES30A-6</td> <td>MES30A-8</td> </tr> <tr> <td>DC VOLTAGE Note.2</td> <td>3.3V</td> <td>5V</td> <td>7.5V</td> <td>9V</td> <td>12V</td> <td>15V</td> <td>18V</td> <td>24V</td> <td>48V</td> </tr> <tr> <td>RATED CURRENT</td> <td>5A</td> <td>5A</td> <td>3.33A</td> <td>3.33A</td> <td>2.5A</td> <td>2.0A</td> <td>1.66A</td> <td>1.25A</td> <td>0.62A</td> </tr> <tr> <td>CURRENT RANGE</td> <td>0 ~ 5A</td> <td>0 ~ 5A</td> <td>0 ~ 3.33A</td> <td>0 ~ 3.33A</td> <td>0 ~ 2.5A</td> <td>0 ~ 2.0A</td> <td>0 ~ 1.66A</td> <td>0 ~ 1.25A</td> <td>0 ~ 0.62A</td> </tr> <tr> <td>RATED POWER</td> <td>16.5W</td> <td>25W</td> <td>25W</td> <td>30W</td> <td>30W</td> <td>30W</td> <td>30W</td> <td>30W</td> <td>30W</td> </tr> <tr> <td>RIPPLE & NOISE (max.) Note.3</td> <td>30mVp-p</td> <td>30mVp-p</td> <td>40mVp-p</td> <td>50mVp-p</td> <td>50mVp-p</td> <td>60mVp-p</td> <td>70mVp-p</td> <td>80mVp-p</td> <td>100mVp-p</td> </tr> <tr> <td>VOLTAGE ADJ. RANGE</td> <td colspan="9">Fixed</td> </tr> <tr> <td>VOLTAGE TOLERANCE Note.4</td> <td>±5.0%</td> <td>±5.0%</td> <td>±4.0%</td> <td>±3.0%</td> <td>±3.0%</td> <td>±2.0%</td> <td>±2.0%</td> <td>±2.0%</td> <td>±2.0%</td> </tr> <tr> <td>LINE REGULATION Note.5</td> <td>±1.0%</td> <td>±1.0%</td> <td>±1.0%</td> <td>±1.0%</td> <td>±1.0%</td> <td>±1.0%</td> <td>±1.0%</td> <td>±1.0%</td> <td>±1.0%</td> </tr> <tr> <td>LOAD REGULATION Note.6</td> <td>±5.0%</td> <td>±5.0%</td> <td>±5.0%</td> <td>±3.0%</td> <td>±3.0%</td> <td>±2.0%</td> <td>±2.0%</td> <td>±2.0%</td> <td>±2.0%</td> </tr> <tr> <td>SETUP, RISE, HOLD TIME</td> <td colspan="9">300ms, 50ms, 16ms at full load</td> </tr> </table> | | | | | | | | | | SAFETY MODEL NO. | MES30A-0 | MES30A-1 | MES30A-1-1 | MES30A-2 | MES30A-3 | MES30A-4 | MES30A-5 | MES30A-6 | MES30A-8 | DC VOLTAGE Note.2 | 3.3V | 5V | 7.5V | 9V | 12V | 15V | 18V | 24V | 48V | RATED CURRENT | 5A | 5A | 3.33A | 3.33A | 2.5A | 2.0A | 1.66A | 1.25A | 0.62A | CURRENT RANGE | 0 ~ 5A | 0 ~ 5A | 0 ~ 3.33A | 0 ~ 3.33A | 0 ~ 2.5A | 0 ~ 2.0A | 0 ~ 1.66A | 0 ~ 1.25A | 0 ~ 0.62A | RATED POWER | 16.5W | 25W | 25W | 30W | 30W | 30W | 30W | 30W | 30W | RIPPLE & NOISE (max.) Note.3 | 30mVp-p | 30mVp-p | 40mVp-p | 50mVp-p | 50mVp-p | 60mVp-p | 70mVp-p | 80mVp-p | 100mVp-p | VOLTAGE ADJ. RANGE | Fixed | | | | | | | | | VOLTAGE TOLERANCE Note.4 | ±5.0% | ±5.0% | ±4.0% | ±3.0% | ±3.0% | ±2.0% | ±2.0% | ±2.0% | ±2.0% | LINE REGULATION Note.5 | ±1.0% | ±1.0% | ±1.0% | ±1.0% | ±1.0% | ±1.0% | ±1.0% | ±1.0% | ±1.0% | LOAD REGULATION Note.6 | ±5.0% | ±5.0% | ±5.0% | ±3.0% | ±3.0% | ±2.0% | ±2.0% | ±2.0% | ±2.0% | SETUP, RISE, HOLD TIME | 300ms, 50ms, 16ms at full load | | | | | | | | |
| SAFETY MODEL NO. | MES30A-0 | MES30A-1 | MES30A-1-1 | MES30A-2 | MES30A-3 | MES30A-4 | MES30A-5 | MES30A-6 | MES30A-8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DC VOLTAGE Note.2 | 3.3V | 5V | 7.5V | 9V | 12V | 15V | 18V | 24V | 48V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RATED CURRENT | 5A | 5A | 3.33A | 3.33A | 2.5A | 2.0A | 1.66A | 1.25A | 0.62A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CURRENT RANGE | 0 ~ 5A | 0 ~ 5A | 0 ~ 3.33A | 0 ~ 3.33A | 0 ~ 2.5A | 0 ~ 2.0A | 0 ~ 1.66A | 0 ~ 1.25A | 0 ~ 0.62A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RATED POWER | 16.5W | 25W | 25W | 30W | 30W | 30W | 30W | 30W | 30W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RIPPLE & NOISE (max.) Note.3 | 30mVp-p | 30mVp-p | 40mVp-p | 50mVp-p | 50mVp-p | 60mVp-p | 70mVp-p | 80mVp-p | 100mVp-p | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VOLTAGE ADJ. RANGE | Fixed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VOLTAGE TOLERANCE Note.4 | ±5.0% | ±5.0% | ±4.0% | ±3.0% | ±3.0% | ±2.0% | ±2.0% | ±2.0% | ±2.0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LINE REGULATION Note.5 | ±1.0% | ±1.0% | ±1.0% | ±1.0% | ±1.0% | ±1.0% | ±1.0% | ±1.0% | ±1.0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOAD REGULATION Note.6 | ±5.0% | ±5.0% | ±5.0% | ±3.0% | ±3.0% | ±2.0% | ±2.0% | ±2.0% | ±2.0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SETUP, RISE, HOLD TIME | 300ms, 50ms, 16ms at full load | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INPUT | <table border="1"> <tr> <td>VOLTAGE RANGE</td> <td colspan="9">90 ~ 264VAC 135~370VDC</td> </tr> <tr> <td>FREQUENCY RANGE</td> <td colspan="9">47~63Hz</td> </tr> <tr> <td>EFFICIENCY (Typ.)</td> <td>65%</td> <td>70%</td> <td>72%</td> <td>74%</td> <td>76%</td> <td>78%</td> <td>78%</td> <td>80%</td> <td>82%</td> </tr> <tr> <td>AC CURRENT</td> <td colspan="9">0.8A / 100VAC</td> </tr> <tr> <td>INRUSH CURRENT (max.)</td> <td colspan="9">35A / 230VAC</td> </tr> <tr> <td>LEAKAGE CURRENT (max.)</td> <td colspan="9">0.3mA / 240VAC</td> </tr> </table> | | | | | | | | | | VOLTAGE RANGE | 90 ~ 264VAC 135~370VDC | | | | | | | | | FREQUENCY RANGE | 47~63Hz | | | | | | | | | EFFICIENCY (Typ.) | 65% | 70% | 72% | 74% | 76% | 78% | 78% | 80% | 82% | AC CURRENT | 0.8A / 100VAC | | | | | | | | | INRUSH CURRENT (max.) | 35A / 230VAC | | | | | | | | | LEAKAGE CURRENT (max.) | 0.3mA / 240VAC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VOLTAGE RANGE | 90 ~ 264VAC 135~370VDC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FREQUENCY RANGE | 47~63Hz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EFFICIENCY (Typ.) | 65% | 70% | 72% | 74% | 76% | 78% | 78% | 80% | 82% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AC CURRENT | 0.8A / 100VAC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INRUSH CURRENT (max.) | 35A / 230VAC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LEAKAGE CURRENT (max.) | 0.3mA / 240VAC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PROTECTION | <table border="1"> <tr> <td>OVER LOAD</td> <td colspan="5">112~250% rated output power</td> <td colspan="5">150~350% rated output power</td> </tr> <tr> <td></td> <td colspan="10">Protection type : Hiccup mode, recovers automatically after fault condition is removed</td> </tr> <tr> <td>OVER VOLTAGE</td> <td colspan="10">110~140% rated output voltage</td> </tr> <tr> <td></td> <td colspan="10">Protection type : Hiccup mode, recovers automatically after fault condition is removed</td> </tr> <tr> <td>OVER TEMPERATURE</td> <td colspan="10">Tj 135°C typically (IC1) detect on main control IC</td> </tr> <tr> <td></td> <td colspan="10">Protection type : Shut down o/p voltage, recovers automatically after temperature goes down</td> </tr> </table> | | | | | | | | | | OVER LOAD | 112~250% rated output power | | | | | 150~350% rated output power | | | | | | Protection type : Hiccup mode, recovers automatically after fault condition is removed | | | | | | | | | | OVER VOLTAGE | 110~140% rated output voltage | | | | | | | | | | | Protection type : Hiccup mode, recovers automatically after fault condition is removed | | | | | | | | | | OVER TEMPERATURE | Tj 135°C typically (IC1) detect on main control IC | | | | | | | | | | | Protection type : Shut down o/p voltage, recovers automatically after temperature goes down | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| OVER VOLTAGE | 110~140% rated output voltage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| ENVIRONMENT | <table border="1"> <tr> <td>WORKING TEMP.</td> <td colspan="9">0~+40°C (Refer to output load derating curve)</td> </tr> <tr> <td>WORKING HUMIDITY</td> <td colspan="9">20%~90% RH non-condensing</td> </tr> <tr> <td>STORAGE TEMP., HUMIDITY</td> <td colspan="9">-20~+85°C, 10~95% RH</td> </tr> <tr> <td>TEMP. COEFFICIENT</td> <td colspan="9">±0.03% / °C (0~50°C)</td> </tr> <tr> <td>VIBRATION</td> <td colspan="9">10~500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes</td> </tr> </table> | | | | | | | | | | WORKING TEMP. | 0~+40°C (Refer to output load derating curve) | | | | | | | | | WORKING HUMIDITY | 20%~90% RH non-condensing | | | | | | | | | STORAGE TEMP., HUMIDITY | -20~+85°C, 10~95% RH | | | | | | | | | TEMP. COEFFICIENT | ±0.03% / °C (0~50°C) | | | | | | | | | VIBRATION | 10~500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WORKING TEMP. | 0~+40°C (Refer to output load derating curve) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WORKING HUMIDITY | 20%~90% RH non-condensing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STORAGE TEMP., HUMIDITY | -20~+85°C, 10~95% RH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TEMP. COEFFICIENT | ±0.03% / °C (0~50°C) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VIBRATION | 10~500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SAFETY & EMC (Note. 7) | <table border="1"> <tr> <td>SAFETY STANDARDS</td> <td colspan="9">UL2601-1, IEC601-1, EN60601-1 Approved</td> </tr> <tr> <td>WITHSTAND VOLTAGE</td> <td colspan="9">I/P-O/P: 5656VDC, I/P-FG: 2828VDC</td> </tr> <tr> <td>ISOLATION RESISTANCE</td> <td colspan="9">I/P-O/P, I/P-FG:100M Ohms / 500VDC</td> </tr> <tr> <td>EMI CONDUCTION & RADIATION</td> <td colspan="9">Compliance to EN55011(CISPR11) class B</td> </tr> <tr> <td>HARMONIC CURRENT</td> <td colspan="9">Compliance to EN61000-3-2,3</td> </tr> <tr> <td>EMS IMMUNITY</td> <td colspan="9">Compliance to EN60601-1-2 (EN61000-4-2,3,4,5,6,8,11), ENV50204, Light industry level, criteria A</td> </tr> </table> | | | | | | | | | | SAFETY STANDARDS | UL2601-1, IEC601-1, EN60601-1 Approved | | | | | | | | | WITHSTAND VOLTAGE | I/P-O/P: 5656VDC, I/P-FG: 2828VDC | | | | | | | | | ISOLATION RESISTANCE | I/P-O/P, I/P-FG:100M Ohms / 500VDC | | | | | | | | | EMI CONDUCTION & RADIATION | Compliance to EN55011(CISPR11) class B | | | | | | | | | HARMONIC CURRENT | Compliance to EN61000-3-2,3 | | | | | | | | | EMS IMMUNITY | Compliance to EN60601-1-2 (EN61000-4-2,3,4,5,6,8,11), ENV50204, Light industry level, criteria A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SAFETY STANDARDS | UL2601-1, IEC601-1, EN60601-1 Approved | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WITHSTAND VOLTAGE | I/P-O/P: 5656VDC, I/P-FG: 2828VDC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ISOLATION RESISTANCE | I/P-O/P, I/P-FG:100M Ohms / 500VDC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EMI CONDUCTION & RADIATION | Compliance to EN55011(CISPR11) class B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HARMONIC CURRENT | Compliance to EN61000-3-2,3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EMS IMMUNITY | Compliance to EN60601-1-2 (EN61000-4-2,3,4,5,6,8,11), ENV50204, Light industry level, criteria A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OTHERS | <table border="1"> <tr> <td>MTBF</td> <td colspan="9">400Khrs min. MIL-HDBK-217F (25°C)</td> </tr> <tr> <td>DIMENSION</td> <td colspan="9">108*67*36mm (L*W*H)</td> </tr> <tr> <td>PACKING</td> <td colspan="9">0.3kg ; 54pcs/ 20kg / CARTON</td> </tr> </table> | | | | | | | | | | MTBF | 400Khrs min. MIL-HDBK-217F (25°C) | | | | | | | | | DIMENSION | 108*67*36mm (L*W*H) | | | | | | | | | PACKING | 0.3kg ; 54pcs/ 20kg / CARTON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MTBF | 400Khrs min. MIL-HDBK-217F (25°C) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DIMENSION | 108*67*36mm (L*W*H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CONNECTOR | <table border="1"> <tr> <td>PLUG</td> <td colspan="9">Standard type P1J: 2.1φ * 5.5φ * 11mm, turning fork type, center positive for stock ; Other type available by customer requested</td> </tr> <tr> <td>CABLE</td> <td colspan="9">Standard type UL1185 6ft (with ferrite core) for stock ; Other type available by customer requested</td> </tr> </table> | | | | | | | | | | PLUG | Standard type P1J: 2.1φ * 5.5φ * 11mm, turning fork type, center positive for stock ; Other type available by customer requested | | | | | | | | | CABLE | Standard type UL1185 6ft (with ferrite core) for stock ; Other type available by customer requested | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLUG | Standard type P1J: 2.1φ * 5.5φ * 11mm, turning fork type, center positive for stock ; Other type available by customer requested | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CABLE | Standard type UL1185 6ft (with ferrite core) for stock ; Other type available by customer requested | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOTE | <ol style="list-style-type: none"> 1.All parameters are specified at 230VAC input, rated load, 25°C 70% RH. Ambient. 2.DC voltage: The output voltage set at point measure by plug terminal & 50% load. 3.Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uf & 47uf capacitor. 4.Tolerance: includes set up tolerance, line regulation, load regulation. 5.Line regulation is measured from low line to high line at rated load. 6.Load regulation is measured from 0% to 100% rated load. 7.The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Mechanical Specification

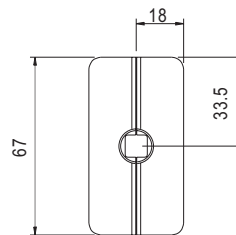
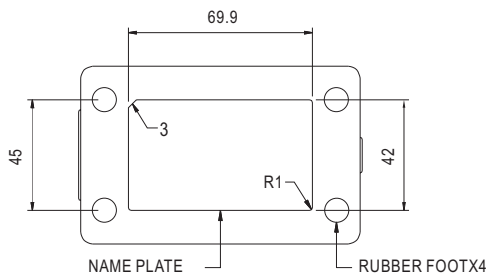
Unit:mm



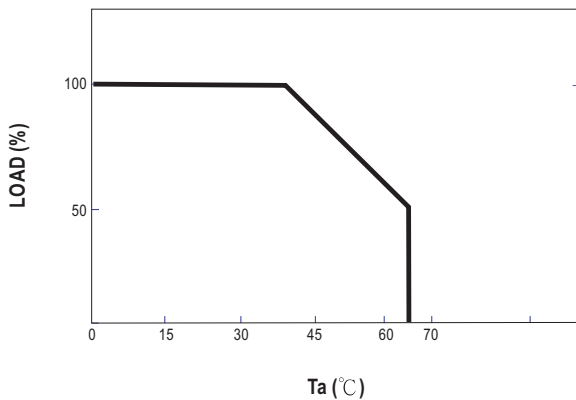
Plug Assignment

Standard plug: P1J (option)

| P1J | |
|--------|--------|
| P/N | OUTPUT |
| CENTER | + |



Derating Curve



Static Characteristics

