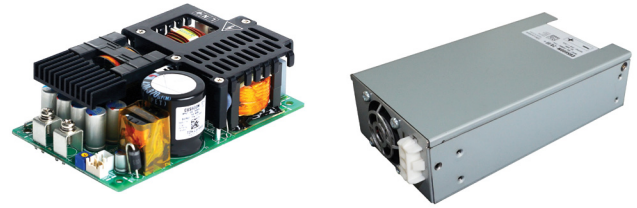
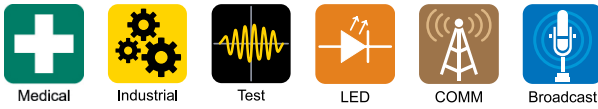


## 3 x 5" 600W AC-DC Power Supplies



The compact CUS600M is packaged in the industry standard 3x5" footprint and can deliver 600W with forced air or 400W with a 600W peak power with convection cooling. With Medical & ITE certifications, the unit can be used in both Class I & Class II (no ground wire) applications, and meets Class B Conducted and Radiated EMI. A 5V 2A standby voltage, remote on/off, remote sense and a Power Good signal is standard on the CUS600M. Other options include an internal fan, single input fuse and output adjustment. The CUS600M1 models offer a reduced feature set for cost optimization.

| Features  | Benefits                                       |
|---|--|
| • 400W (600W Peak) Convection Cooled              | • Quiet Operation                              |
| • 600W with Forced Air                            | • Can Utilize System Airflow or Integrated Fan |
| • Medical Certifications (2 x MOPP)               | • Suitable for B and BF Type Medical Equipment |
| • Class B Conducted and Radiated EMI              | • Easier System EMC Compliance                 |
| • Suitable for Class I and Class II installations | • Flexible Utilisation                         |
| • Compact 3 x 5 x 1.46" Size                      | • Space Saving in End Equipment                |
| • Enclosure & Other Options                       | • Versatile Application                        |

| Model Selector |                            |   |                                |                                |                  |                              |                              |
|----------------|----------------------------|---|--------------------------------|--------------------------------|------------------|------------------------------|------------------------------|
| Model          | Nominal Output Voltage (V) | Output Adjustment (V) (Specify /ADJ option suffix*) (1) | Maximum Current Convection (A) | Maximum Current Forced Air (A) | Peak Current (A) | Maximum Power Convection (W) | Maximum Power Forced Air (W) |
| CUS600M-12     | 12                         | 11.7 - 12.9   | 33.4                           | 50.0                           | 50.0             | 400.8                        | 600.0                        |
| CUS600M-19     | 19                         | 18.5 - 20.5   | 21.1                           | 31.6                           | 31.6             | 400.9                        | 600.4                        |
| CUS600M-24     | 24                         | 23.4 - 25.9   | 16.7                           | 25.0                           | 25.0             | 400.8                        | 600.0                        |
| CUS600M-28     | 28                         | 27.3 - 30.2   | 14.3                           | 21.5                           | 21.5             | 400.4                        | 602.0                        |
| CUS600M-32     | 32                         | 31.2 - 34.5   | 12.5                           | 18.8                           | 18.8             | 400.0                        | 601.6                        |
| CUS600M-36     | 36                         | 35.1 - 38.8   | 11.1                           | 16.7                           | 16.7             | 399.6                        | 601.2                        |
| CUS600M-48     | 48                         | 46.8 - 51.8   | 8.4                            | 12.6                           | 12.6             | 403.2                        | 604.8                        |

| CUS600M-          | 12       | /             | EF                                       |
|-------------------|----------|---------------|--|
| Features          | CUS600M- | CUS600M1-     |  |
| Standby Voltage   |          |               | blank Open frame construction            |
| Remote On/Off     | Yes      | Not Available | /EF Enclosed with end fan (exhaust air)* |
| Remote Sense      |          |               | /ADJ Output adjustment potentiometer**   |
| Power Good Signal |          |               | /SF Single input fuse (Line)             |

Output voltage 12, 19, 24, 28, 32, 36, 48

blank Open frame construction  
 /EF Enclosed with end fan (exhaust air)\*  
 /ADJ Output adjustment potentiometer\*\*  
 /SF Single input fuse (Line)

\* /EF model has /ADJ included (CUS600M only)

\*\* Not available for CUS600M1 models

Other options are available, please contact sales

| Specifications                              |    |   |
|---|----|---|
| Model                                       |    | CUS600M   |
| <b>Input</b>                                |    |   |
| Input Voltage range                         | V  | 85 - 265Vac (See derating curves)   |
| Input Frequency                             | Hz | 47 - 63Hz   |
| Input Current (115/230Vac)                  | A  | < 6.0 / 3.0 (600W)  |
| Inrush Current at 230Vac (typ) (Cold Start) | A  | <50A  |
| Leakage Current                             | uA | <200uA at 265Vac 60Hz   |
| Touch Current (Enclosure Leakage)           | uA | <100uA  |
| Power Factor (115/230Vac)                   | -  | 0.99 / 0.95   |
| Harmonic Compliance                         | -  | Meets IEC61000-3-2 Class A  |
| No Load Power Consumption                   | W  | <0.5W at 230Vac (Remote off and no load on 5Vsb)                              |
| Hold Up Time (typ) at 115Vac Input          | ms | >22ms 400W load, >14ms 600W load  |
| Efficiency                                  | -  | Up to 96%   |
| Conducted & Radiated EMI                    | -  | EN55032/EN55011-B (See installation / instruction manual for conditions)      |
| Immunity                                    | -  | Compliant with EN60601-1-2:2015 (Ed4), see immunity table                     |
| Insulation Class                            | -  | Construction suitable for Class I or Class II installation                    |
| Safety Agency Certifications                | -  | IEC/EN/UL62368-1, 60950-1 and 60601-1. ES60601-1. CE Mark (LVD, EMC and RoHS) |

| Immunity                             |   |                        |   |   |
|--------------------------------------|---|------------------------|---|---|
| Test                                 | Standard  | Test Level             | Criteria  | Notes (the power stated below is total power (main power + fan output)) |
| ESD                                  | EN61000-4-2   | 4                      | A   | -   |
| Radiated Susceptibility              | EN61000-4-3   | 3                      | A   | Includes proximity field requirements of EN60601-1-2:2015               |
| Electrical Fast Transient Burst      | EN61000-4-4   | 4                      | A   | (AC Port, 5kHz and 100kHz)  |
| Surge                                | EN61000-4-5   | 3                      | A   | -   |
| Conducted Susceptibility             | EN61000-4-6   | 3                      | A   | -   |
| Magnetic fields                      | EN61000-4-8   | 4                      | A   | -   |
| Voltage Dips and Input Interruptions | EN61000-4-11<br>Class 3 Industrial,<br>incl EN55024<br>(100Vac) | 0% for 1/2 cycle       | A   | -   |
|                                      |   | 0% for 1 cycle         | A/B   | A up to 330W, B above 330W  |
|                                      |   | 40% for 10/12 cycles   | A/B   | A up to 210W, B above 210W  |
|                                      |   | 70% for 25/30 cycles   | A/B   | A up to 500W, B above 500W  |
|                                      |   | 80% for 250/300 cycles | A/B   | A up to 570W, B above 570W  |
|                                      |   | 0% for 250/300 cycles  | B   | -   |
|                                      | EN61000-4-11<br>Class 3 Industrial,<br>incl EN55024<br>(240Vac) | 0% for 1/2 cycle       | A   | -   |
|                                      |   | 0% for 1 cycle         | A/B   | A up to 330W, B above 330W  |
|                                      |   | 40% for 10/12 cycles   | A/B   | A up to 570W, B above 570W  |
|                                      |   | 70% for 25/30 cycles   | A   | -   |
|                                      |   | 80% for 250/300 cycles | A   | -   |
|                                      |   | 0% for 250/300 cycles  | B   | -   |
| EN60601-1-2:2015<br>(100Vac)         | 0% for 1/2 cycle  | A                      | Customer to consider essential performance of end equipment |   |
|                                      | 0% for 1 cycle  | A/B                    | A up to 330W, B above 330W                                  |   |
|                                      | 70% for 25/30 cycles  | A/B                    | A up to 500W, B above 500W                                  |   |
|                                      | 0% for 250/300 cycles   | B                      | -   |   |
| EN60601-1-2:2015<br>(240Vac)         | 0% for 1/2 cycle  | A                      | Customer to consider essential performance of end equipment |   |
|                                      | 0% for 1 cycle  | A/B                    | A up to 330W, B above 330W                                  |   |
|                                      | 70% for 25/30 cycles  | A                      | -   |   |
|                                      | 0% for 250/300 cycles   | B                      | -   |   |
| SEMI F47 Line Dip                    | SEMI F47  | -                      | -   | At input voltages > 200Vac  |

| Specifications                      |        |  |
|-------------------------------------|--------|--|
| Model                               |        | CUS600M  |
| <b>Output</b>                       |        |  |
| Line Regulation                     | %      | 0.5% (85 - 265Vac)   |
| Load Regulation                     | %      | 1% (0 - 100% load)   |
| Ripple & Noise                      | mV     | 12V: 240mV, 19V - 28V: 360mV, 32V - 48V: 480mV   |
| Temperature Coefficient             | %/°C   | ±0.02%/°C  |
| Minimum Load                        | -      | No minimum load required   |
| Overcurrent Protection              | %      | >105%. Hiccup mode, automatic recovery   |
| Overvoltage Protection              | -      | Latching (unit shutdown), cycle AC input to reset  |
| Overtemperature Protection          | -      | Latching (unit shutdown), cycle AC input to reset  |
| Remote Sense                        | -      | 0.5V total compensation (1)  |
| Remote On/Off                       | -      | Opto-isolated. Inhibit: Low = ON, High = OFF (1)   |
| Power Good                          | -      | Combined AC Fail and DC OK opto isolated signal (1)  |
| Standby Voltage                     | -      | Open frame version: 5V 2A, /EF version 5V 1.5A (1)   |
| Parallel Operation                  | -      | Not possible   |
| Series Operation                    | -      | Possible, see installation manual  |
| <b>Environmental</b>                |        |  |
| Operating Temperature               | °C     | -20°C to +70°C, see derating curves below  |
| Storage Temperature                 | °C     | -40°C to +85°C   |
| Operating Humidity (non condensing) | %RH    | 10 - 95%RH   |
| Cooling                             | -      | Convection cooling or forced air (2.7m/s)  |
| Altitude                            | m      | 5,000m. Operating, transportation and storage  |
| Withstand Voltage (For 1 minute)    | Vac    | Input to Ground 2kVAC (1xMOPP), Input to Output 4kVAC (2xMOPP),<br>Output to Ground 1.5kVAC (1xMOPP) |
| Isolation Resistance                | MΩ     | >100MΩ at 25°C, 70%RH Output - FG 500VDC   |
| Vibration (Non Operating)           | -      | 10-55Hz (1 min sweep). Maximum 19.6m/s <sup>2</sup> ; x, y, z for 1 hour each                        |
| Shock                               | -      | <196m/s <sup>2</sup>   |
| <b>Other</b>                        |        |  |
| Weight (Typ)                        | g      | Open frame: 470, /EF: 790  |
| Size (LxWxH)                        | mm     | Open frame: 127 x 76.2 x 37, /EF: 157 x 85 x 42.5  |
| Size (LxWxH)                        | Inches | Open frame: 5 x 3 x 1.46, /EF: 6.18 x 3.35 x 1.67  |
| Connectors                          | -      | Input: JST VHR-5N, Output: M4 screws, Standby: JST XHP-2, Signals: JST PHDR-08VS                     |
| Warranty                            | yrs    | 5  |

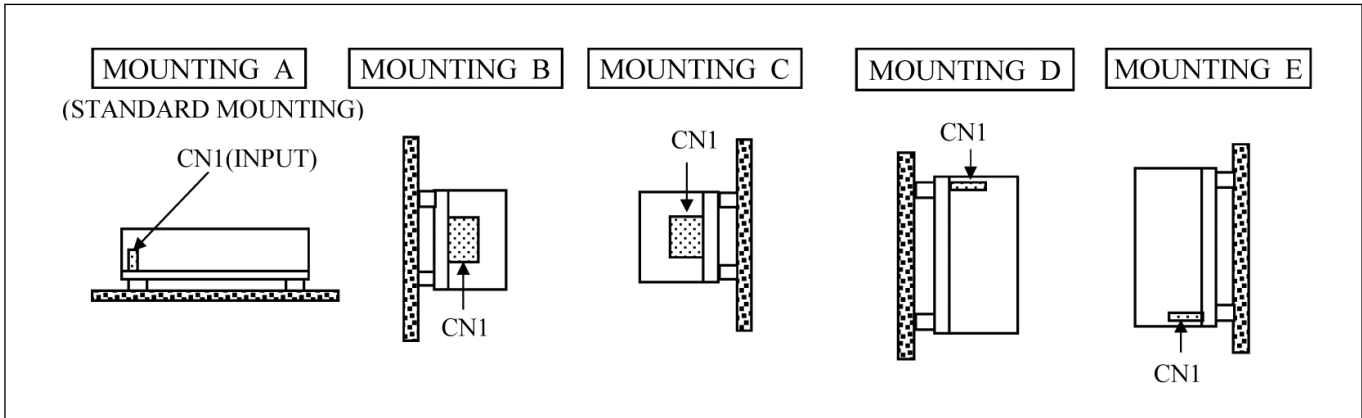
**Notes:**

See website for detailed specifications, test methods and installation manual

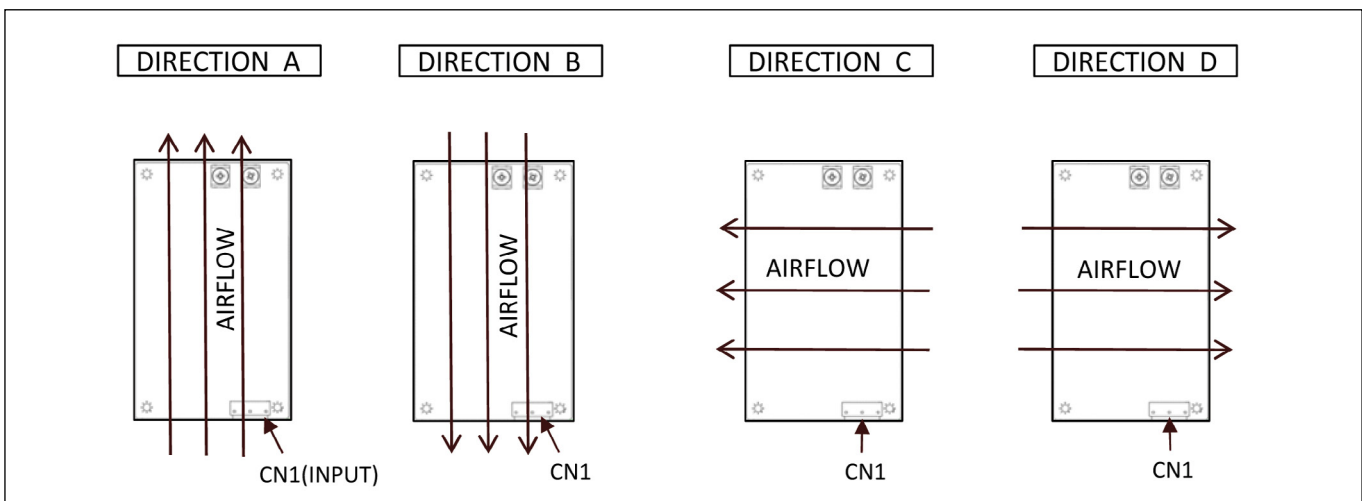
Specification parameters apply at 25°C ambient temperature unless otherwise stated.

(1) Not available on the CUS600M1 models, see model selector

## Mounting Orientation



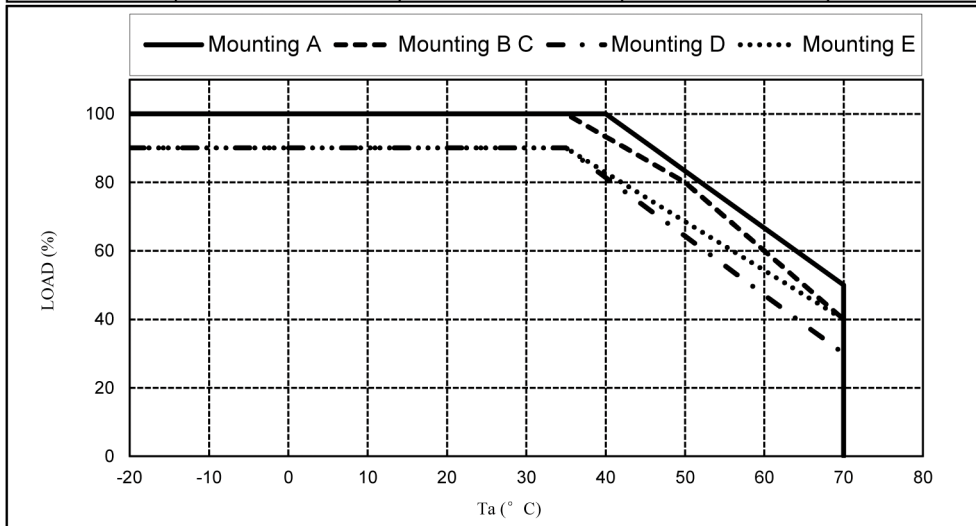
## Airflow Direction



## Convection Cooling CUS600M-12

(Zero load on Standby Voltage. Wide range input. Additional derating applies below 115Vac input)

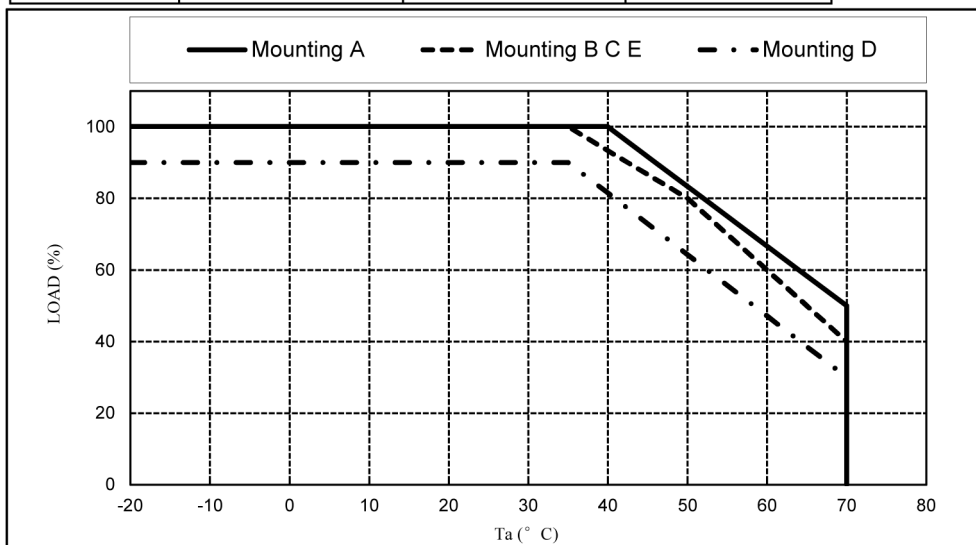
| Ta (°C)   | Mounting A | Mounting B C | Mounting D | Mounting E |
|-----------|------------|--------------|------------|------------|
|           | LOAD (%)   | LOAD (%)     | LOAD (%)   | LOAD (%)   |
| -20 - +35 | 100        | 100          | 90         | 90         |
| 40        | 100        | 93.3         | 81.4       | 82.9       |
| 50        | 83.3       | 80           | 64.3       | 68.6       |
| 60        | 66.7       | 60           | 47.1       | 54.3       |
| 70        | 50         | 40           | 30         | 40         |



## Convection Cooling CUS600M-19 to -48

(Zero load on the Standby Voltage output. Wide range input. Additional derating applies below 115Vac input)

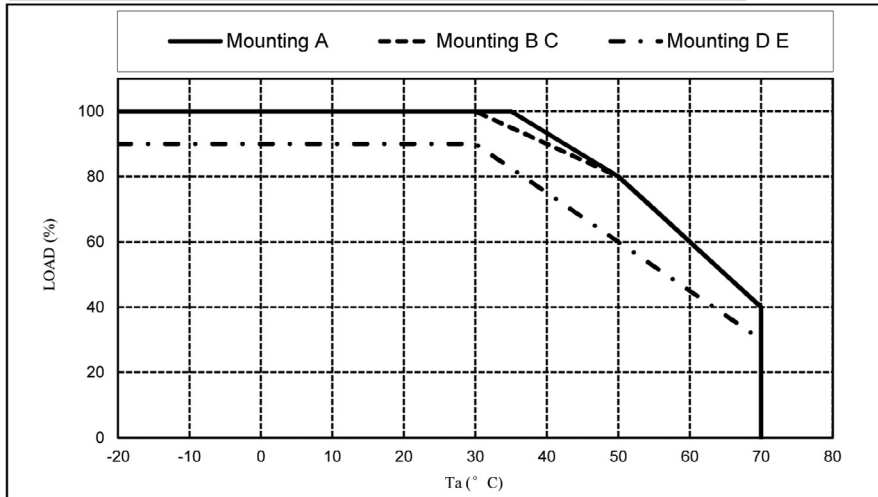
| Ta (°C)   | Mounting A | Mounting B C E | Mounting D |
|-----------|------------|----------------|------------|
|           | LOAD (%)   | LOAD (%)       | LOAD (%)   |
| -20 - +35 | 100        | 100            | 90         |
| 40        | 100        | 93.3           | 81.4       |
| 50        | 83.3       | 80             | 64.3       |
| 60        | 66.7       | 60             | 47.1       |
| 70        | 50         | 40             | 30         |



## Convection Cooling (All models)

(Loading applied on the Standby Voltage output. Wide range input. Additional derating applies below 115Vac input)

| Ta (°C)   | Mounting A | Mounting B C | Mounting D E |
|-----------|------------|--------------|--------------|
|           | LOAD (%)   | LOAD (%)     | LOAD (%)     |
| -20 - +30 | 100        | 100          | 90           |
| 35        | 100        | 95           | 82.5         |
| 40        | 93.3       | 90           | 75           |
| 50        | 80         | 80           | 60           |
| 60        | 60         | 60           | 45           |
| 70        | 40         | 40           | 30           |

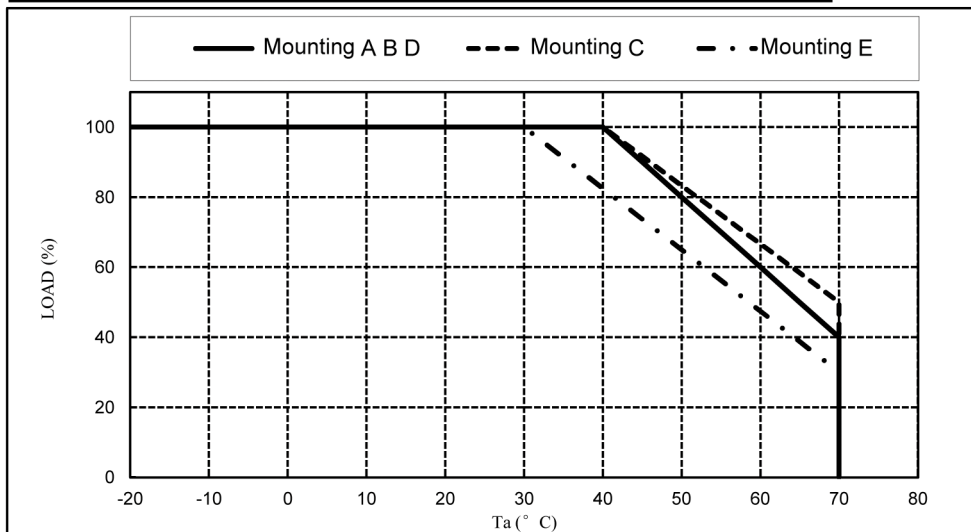


## Convection Cooling CUS600M-12

(Loading applied on the Standby Voltage output. 176 - 265Vac input. Additional derating applies below 115Vac input)

MODEL: CUS600M-12

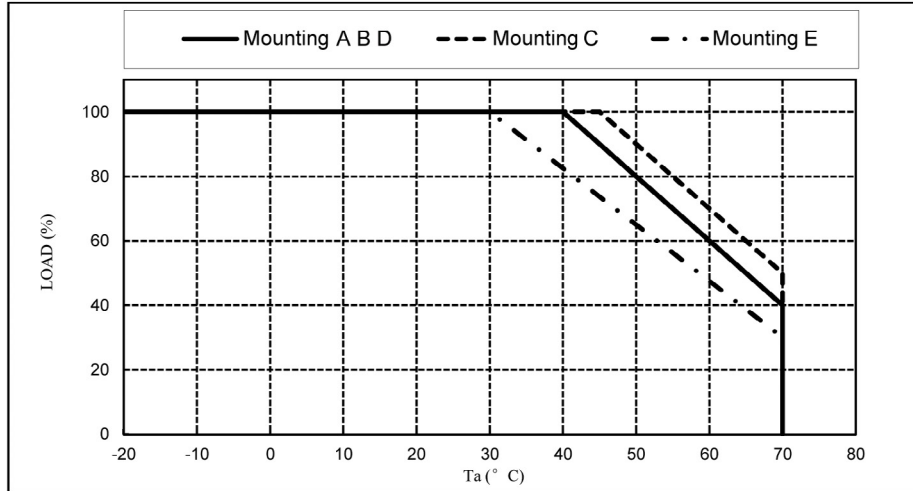
| Ta (°C)   | Mounting A B D | Mounting C | Mounting E |
|-----------|----------------|------------|------------|
|           | LOAD (%)       | LOAD (%)   | LOAD (%)   |
| -20 - +30 | 100            | 100        | 100        |
| 40        | 100            | 100        | 82.5       |
| 50        | 80             | 83.3       | 65         |
| 60        | 60             | 66.7       | 47.5       |
| 70        | 40             | 50         | 30         |



## Convection Cooling CUS600M-19 to -48V

(Loading applied on the Standby Voltage output. 176 - 265Vac input. Additional derating applies below 115Vac input)

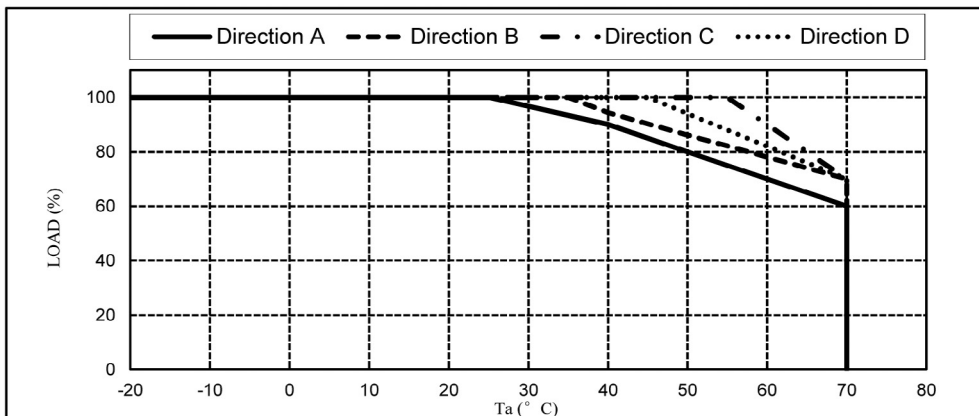
| Ta (°C)   | Mounting A B D | Mounting C | Mounting E |
|-----------|----------------|------------|------------|
|           | LOAD (%)       | LOAD (%)   | LOAD (%)   |
| -20 - +30 | 100            | 100        | 100        |
| 40        | 100            | 100        | 82.5       |
| 45        | 90             | 100        | 73.8       |
| 50        | 80             | 90         | 65         |
| 60        | 60             | 70         | 47.5       |
| 70        | 40             | 50         | 30         |



## Forced Air Cooling CUS600M-12 (2.7m/s)

(Loading applied on the Standby Voltage output. Wide range input. Additional derating applies below 115Vac input)

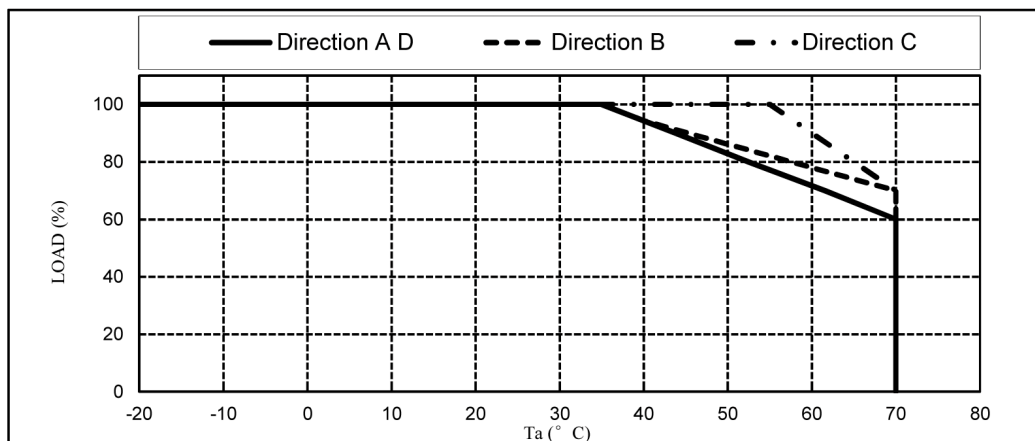
| Ta (°C)   | Direction A | Direction B | Direction C | Direction D |
|-----------|-------------|-------------|-------------|-------------|
|           | LOAD (%)    | LOAD (%)    | LOAD (%)    | LOAD (%)    |
| -20 - +25 | 100         | 100         | 100         | 100         |
| 35        | 93.3        | 100         | 100         | 100         |
| 40        | 90          | 94.3        | 100         | 100         |
| 45        | 85          | 90.2        | 100         | 100         |
| 50        | 80          | 86.2        | 100         | 94          |
| 55        | 75          | 82.1        | 100         | 88          |
| 60        | 70          | 78          | 90          | 82          |
| 70        | 60          | 70          | 70          | 70          |



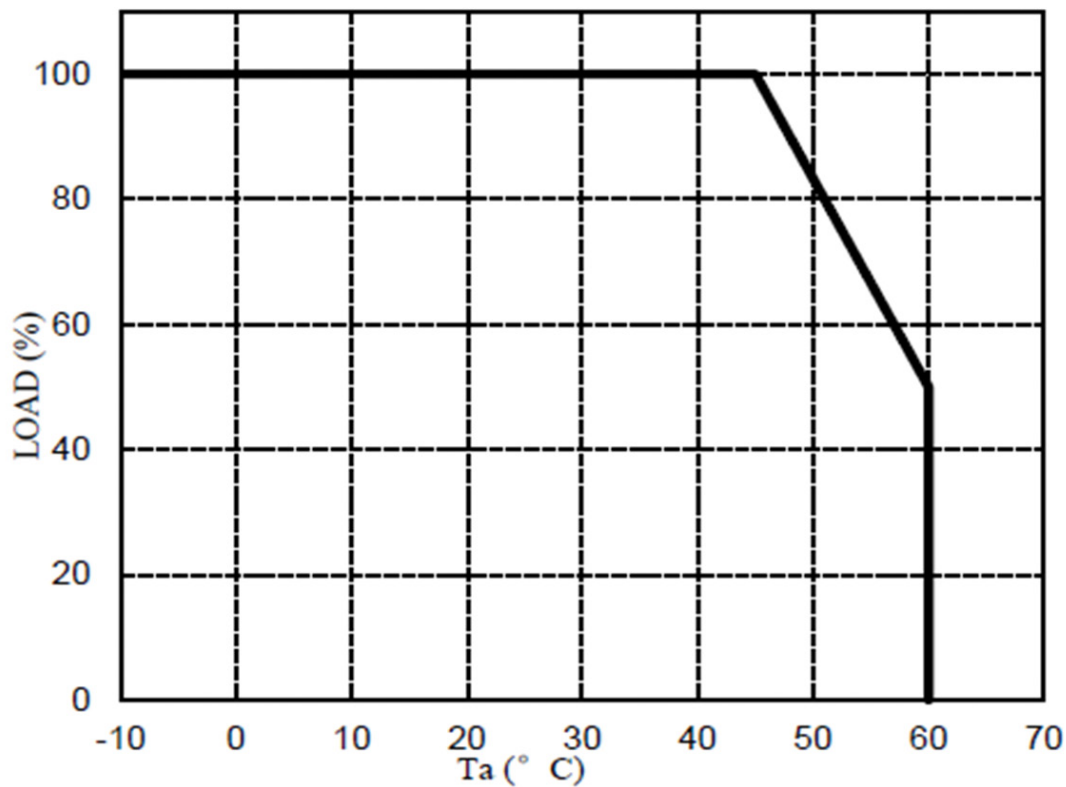
## Forced Air Cooling CUS600M-19 to -48 (2.7m/s)

(Loading applied on the Standby Voltage output. Wide range input. Additional derating applies below 115Vac input)

| Ta (°C)   | Direction A D | Direction B | Direction C |
|-----------|---------------|-------------|-------------|
|           | LOAD (%)      | LOAD (%)    | LOAD (%)    |
| -20 - +35 | 100           | 100         | 100         |
| 40        | 94.3          | 94.3        | 100         |
| 50        | 82.8          | 86.2        | 100         |
| 55        | 77.1          | 82.1        | 100         |
| 60        | 71.4          | 78          | 90          |
| 70        | 60            | 70          | 70          |



## CUS600M-xx/EF (End Fan)

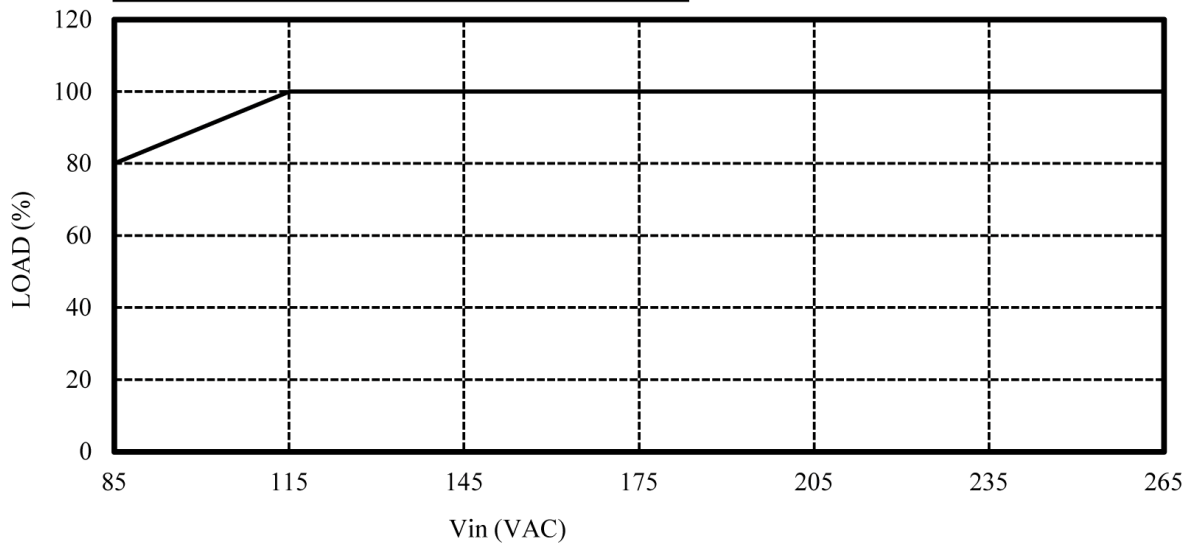




## Derating versus Input Voltage

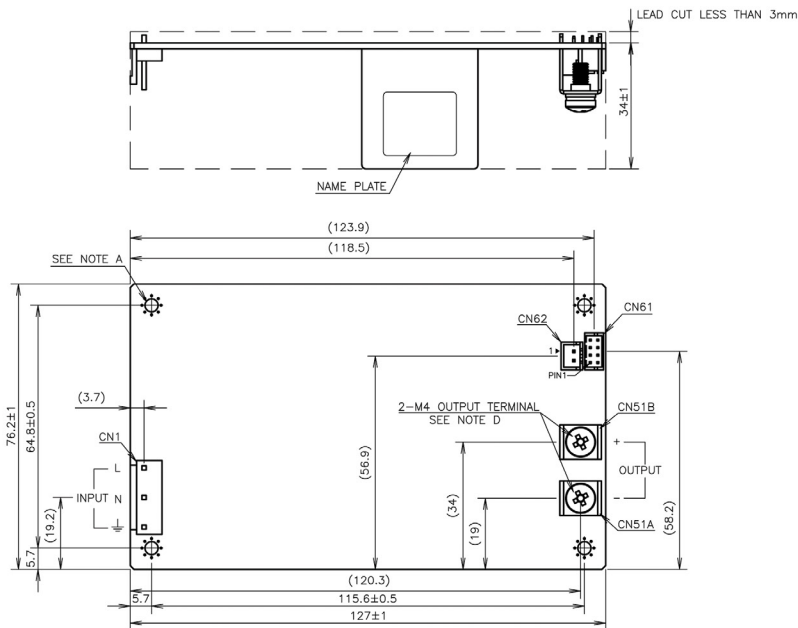
(All models, all conditions)

| INPUT VOLTAGE (VAC) | LOAD (%) |
|---------------------|----------|
| 85                  | 80       |
| 115~265             | 100      |



## Mechanical Specification

### Outline Drawing CUS600M Open Frame Unit



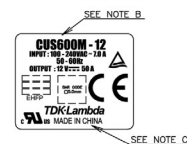
#### PIN CONFIGURATION AND FUNCTIONS OF CN61

| PIN No. | FUNCTION                      |
|---------|-------------------------------|
| 1       | STBY+: STANDBY SUPPLY + (5V+) |
| 2       | STBY-: STANDBY SUPPLY - (5V-) |
| 3       | S+: REMOTE SENSE+             |
| 4       | S-: REMOTE SENSE-             |
| 5       | NO CONNECTION                 |
| 6       | PG: POWER GOOD SIGNAL         |
| 7       | R+: REMOTE ON/OFF TERMINAL +  |
| 8       | R-: REMOTE ON/OFF TERMINAL -  |

#### PIN CONFIGURATION AND FUNCTION OF CN62

| PIN No. | FUNCTION                      |
|---------|-------------------------------|
| 1       | STBY+: STANDBY SUPPLY + (5V+) |
| 2       | STBY-: STANDBY SUPPLY - (5V-) |

#### NAME PLATE (SCALE:3/2)



#### NOTE:

- A: 4- $\phi$ 3.5 HOLES ARE FOR CUSTOMER'S CHASSIS MOUNTING HOLES. ALL MUST BE SCREWED IN ORDER TO CONFORM THE VIBRATION AND EMI SPEC.
- B: MODEL NAME, INPUT VOLTAGE RANGE, NOMINAL OUTPUT VOLTAGE, AND MAXIMUM OUTPUT CURRENT ARE SHOWN HERE IN ACCORDANCE WITH THE SPECIFICATIONS.
- C: COUNTRY OF MANUFACTURE WILL BE SHOWN HERE.
- D: M4 SCREWS FOR OUTPUT TERMINAL(2), RECOMMENDED TORQUE: 1.18N·m(12kgf·cm) MAX

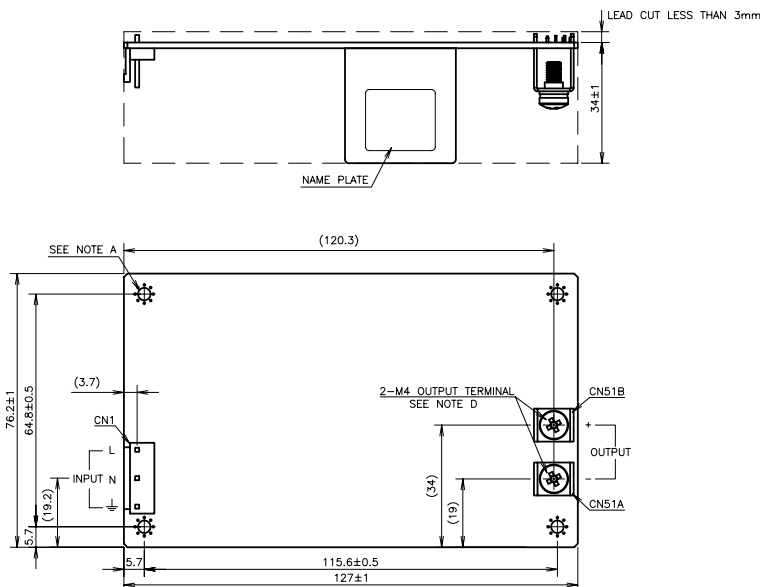
#### CONNECTORS USED:

| PART DESCRIPTION | PART NAME          | HOUSING   | QTY | CONTACT        | QTY | CRIMPING TOOL   | MANUFACT. |
|------------------|--------------------|-----------|-----|----------------|-----|-----------------|-----------|
| CN1              | B3P5-VH(LF)(SN)    | VHR-5N    | 1   | SVH-41T-P1.1   | 3   | YC-930R, YC931R | J.S.T     |
| CN51A/CN51B      | M4 OUTPUT TERMINAL |           | 2   |                |     |                 |           |
| CN61             | B8B-PHDS(LF)(SN)   | PHDR-08VS | 1   | SPHD-001T-P0.5 | 8   | YC-610R, YC611R | J.S.T     |
| CN62             | B2B-XH-A(LF)(SN)   | XHP-2     | 1   | SXH-001T-P0.6  | 2   | YC-110R, YC111R | J.S.T     |

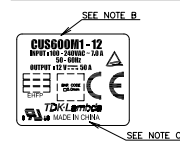
(HOUSINGS, PINS & TOOL ARE NOT INCLUDED WITH THE PRODUCT.)

## Mechanical Specification

### Outline Drawing CUS600M1 Open Frame Unit



#### NAME PLATE (SCALE:3/2)



#### NOTE:

- A: 4- $\phi$ 3.5 HOLES ARE FOR CUSTOMER'S CHASSIS MOUNTING HOLES. ALL MUST BE SCREWED IN ORDER TO CONFORM THE VIBRATION AND EMI SPEC.
- B: MODEL NAME, INPUT VOLTAGE RANGE, NOMINAL OUTPUT VOLTAGE, AND MAXIMUM OUTPUT CURRENT ARE SHOWN HERE IN ACCORDANCE WITH THE SPECIFICATIONS.
- C: COUNTRY OF MANUFACTURE WILL BE SHOWN HERE.
- D: M4 SCREWS FOR OUTPUT TERMINAL(2), RECOMMENDED TORQUE: 1.18N·m(12kgf·cm) MAX

#### CONNECTORS USED:

| PART DESCRIPTION | PART NAME          | HOUSING | QTY | CONTACT      | QTY | CRIMPING TOOL   | MANUFACT. |
|------------------|--------------------|---------|-----|--------------|-----|-----------------|-----------|
| CN1              | B3P5-VH(LF)(SN)    | VHR-5N  | 1   | SVH-41T-P1.1 | 3   | YC-930R, YC931R | J.S.T     |
| CN51A/CN51B      | M4 OUTPUT TERMINAL |         | 2   |              |     |                 |           |

(HOUSINGS, PINS & TOOL ARE NOT INCLUDED WITH THE PRODUCT.)

## Outline Drawing CUS600M End Fan

**OUTPUT VOLTAGE ADJUSTMENT**  
VR51 (62.6)

**CONNECTORS:** CN61, CNS1B, CNS1A, L, P, N, INPUT

**NAME PLATE (SCALE:3/2)**

**CUS600M - 12/EF**  
 INPUT: 100-240VAC - 2.0 A  
 50-60Hz  
 OUTPUT: 12V --- 50 A  
 MADE IN CHINA  
 TDK-Lambda  
 CE  
 EHPF

**PIN CONFIGURATION AND FUNCTIONS OF CN61**

| PIN No. | FUNCTION                      |
|---------|-------------------------------|
| 1       | STBY+: STANDBY SUPPLY + (5V+) |
| 2       | STBY-: STANDBY SUPPLY - (5V-) |
| 3       | S+: REMOTE SENSE +            |
| 4       | S-: REMOTE SENSE -            |
| 5       | NO CONNECTION                 |
| 6       | PS: POWER GOOD SIGNAL         |
| 7       | R+: REMOTE ON/OFF TERMINAL +  |
| 8       | R-: REMOTE ON/OFF TERMINAL -  |

**CONNECTORS USED:**

| PART DESCRIPTION  | PART NAME         | MANUFACT. | QTY |
|-------------------|-------------------|-----------|-----|
| CN1 HOUSING       | 350767-1          | TYCO      | 1   |
| CN1 TERMINAL PINS | 350219-1          | TYCO      | 3   |
| CNS1A/CNS1B       | M4 TERMINAL       |           | 2   |
| CN61              | BBB-PHDSS(LF)(SN) | J.S.T     | 1   |

**RECOMMENDED MATCHING HOUSINGS, PINS & TOOL (NOT INCLUDED WITH THE PRODUCT):**

| PART DESCRIPTION   | PART NAME        | MANUFACT. | QTY |
|--------------------|------------------|-----------|-----|
| SOCKET HOUSING     | 350766-1         |           | 1   |
| CN1 TERMINAL PINS  | 350536-1         | TYCO      | 3   |
| HAND CRIMPING TOOL | 91500-1          |           | -   |
| SOCKET HOUSING     | PH88-86VS        |           | 1   |
| CN61 TERMINAL PINS | SPHD-001T-P0.5   | J.S.T     | 8   |
| HAND CRIMPING TOOL | YC-610R, YC-611R |           | -   |

**NOTE:**  
 A: 12-M3 TAPPED & STANDOFF HOLES FOR CUSTOMER'S CHASSIS MOUNTING HOLES. ALL MUST BE SCREWED IN ORDER TO CONFORM TO THE VIBRATION AND EMI SPEC. RECOMMENDED TORQUE: 0.49N·m(9kf·cm).  
 B: MODEL NAME, INPUT VOLTAGE RANGE, NOMINAL OUTPUT VOLTAGE, AND MAXIMUM OUTPUT CURRENT ARE SHOWN HERE IN ACCORDANCE WITH THE SPECIFICATIONS.  
 C: COUNTRY OF MANUFACTURE WILL BE SHOWN HERE.  
 D: M4 SCREWS(2) FOR O/P TB, RECOMMENDED TORQUE: 1.18N·m(12kf·cm) MAX



## TDK-Lambda France SAS

Tel: +33 1 60 12 71 65  
france@fr.tdk-lambda.com  
www.emea.lambda.tdk.com/fr



## Italy Sales Office

Tel: +39 02 61 29 38 63  
info.italia@it.tdk-lambda.com  
www.emea.lambda.tdk.com/it



## Netherlands

info@nl.tdk-lambda.com  
www.emea.lambda.tdk.com/nl



## TDK-Lambda Germany GmbH

Tel: +49 7841 666 0  
info.germany@de.tdk-lambda.com  
www.emea.lambda.tdk.com/de



## Austria Sales Office

Tel: +43 2256 655 84  
info@at.tdk-lambda.com  
www.emea.lambda.tdk.com/at



## Switzerland Sales Office

Tel: +41 44 850 53 53  
info@ch.tdk-lambda.com  
www.emea.lambda.tdk.com/ch



## Nordic Sales Office

Tel: +45 8853 8086  
info@dk.tdk-lambda.com  
www.emea.lambda.tdk.com/dk



## TDK-Lambda UK Ltd.

Tel: +44 (0) 12 71 85 66 66  
powersolutions@uk.tdk-lambda.com  
www.emea.lambda.tdk.com/uk



## TDK-Lambda Ltd.

Tel: +9 723 902 4333  
info@tdk-lambda.co.il  
www.emea.lambda.tdk.com/il



## C.I.S.

### Commercial Support:

Tel: +7 (495) 665 2627

### Technical Support:

Tel: +7 (812) 658 0463  
info@tdk-lambda.ru  
www.emea.lambda.tdk.com/ru



## TDK-Lambda Americas

Tel: +1 800-LAMBDA-4 or 1-800-526-2324  
powersolutions@us.tdk-lambda.com  
www.us.lambda.tdk.com



## TDK Electronics do Brasil Ltda

Tel: +55 11 3289-9599  
sales.br@tdk-electronics.tdk.com  
www.tdk-electronics.tdk.com/en



## TDK-Lambda Corporation

Tel: +81-3-6778-1113  
www.jp.lambda.tdk.com



## TDK-Lambda (China) Electronics Co. Ltd.

Tel: +86 21 6485-0777  
powersolutions@cn.tdk-lambda.com  
www.lambda.tdk.com.cn



## TDK-Lambda Singapore Pte Ltd.

Tel: +65 6251 7211  
tis.mkt@sg.tdk-lambda.com  
www.sg.lambda.tdk.com



## TDK India Private Limited, Power Supply Division

Tel: +91 80 4039-0660  
mathew.philip@in.tdk-lambda.com  
www.sg.lambda.tdk.com

