


G10-170 New Product



|                               |  |
|-------------------------------|--|
| <b>Sales Region</b>           | Worldwide (except Japan)   |
| <b>Series</b>                 | GENESYS+   |
| <b>Model</b>                  | G+1U 1.7kW   |
| <b>Status</b>                 |  Production |
| <b>Option Lineup</b>          | <a href="#">Please refer to here.</a>  |
| <b>Recommended EMC Filter</b> |  |
| <b>Accessories</b>            | <a href="#">Please refer to the catalog</a>  |



### Electrical Characteristics

|                          |                         |
|--------------------------|-------------------------|
| Input                    | Single-phase            |
| Input Voltage Range[AC]  | 85 to 265Vac            |
| Input Frequency Range    | 47 to 63Hz              |
| Rated Output Voltage[DC] | 10Vdc                   |
| Output Voltage[DC]       | 0 to 10Vdc              |
| Rated Output Current     | 170A                    |
| Output Current           | 0 to 170A               |
| Rated Output Power       | 1700W                   |
| Efficiency               | 88% Typ.                |
| Voltage Ripple Noise     | 0.006Vrms (5Hz to 1MHz) |
| Current Ripple Noise     | 0.25Arms (5Hz to 1MHz)  |

### Package Type & Size

|              |                             |
|--------------|-----------------------------|
| Package Type | 1U Rack mount / Bench top   |
| Width(W)     | 423mm Nom. (16.65in Nom.)   |
| Height(H)    | 43.6mm Nom. (1.72in Nom.)   |
| Depth(D)     | 441.5mm Nom. (17.38in Nom.) |
| Weight       | 5000g Typ. (11.0lbs Typ.)   |

### Other

|                       |                                 |
|-----------------------|---------------------------------|
| Interfaces Included   | LAN (LXI compliant)             |
|                       | USB                             |
|                       | RS-232                          |
|                       | RS-485                          |
| Interface Options     | Isolated analog voltage control |
|                       | GPIB                            |
|                       | EtherCAT                        |
| Operating Temp. Range | Modbus-TCP                      |
|                       | 0 to 50°C                       |

Safety Standard(Certified)

IEC60950-1

UL60950-1

CSA C22.2 No.60950-1

EN60950-1

Safety Standard(Conformed)

Remarks

This page only shows representative characteristics. Please refer to the technical data for detailed specifications and conditions.

! Images are for reference only and show exemplary products.

! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

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