

**G100-27-3P480**<sub>New</sub>  
Product



|                               |                                             |
|-------------------------------|---------------------------------------------|
| <b>Sales Region</b>           | Worldwide (except Japan)                    |
| <b>Series</b>                 | GENESYS+                                    |
| <b>Model</b>                  | G+1U 2.7kW                                  |
| <b>Status</b>                 | Production                                  |
| <b>Option Lineup</b>          |                                             |
| <b>Recommended EMC Filter</b> |                                             |
| <b>Accessories</b>            | <a href="#">Please refer to the catalog</a> |



| Electrical Characteristics |                         |
|----------------------------|-------------------------|
| Input                      | 3-phase                 |
| Input Voltage Range[AC]    | 342 to 528Vac           |
| Input Frequency Range      | 47 to 63Hz              |
| Rated Output Voltage[DC]   | 100Vdc                  |
| Output Voltage[DC]         | 0 to 100Vdc             |
| Rated Output Current       | 27A                     |
| Output Current             | 0 to 27A                |
| Rated Output Power         | 2700W                   |
| Efficiency                 | 90.5% Typ.              |
| Voltage Ripple Noise       | 0.015Vrms (5Hz to 1MHz) |
| Current Ripple Noise       | 0.1Arms (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              | 6250g Typ. (13.8lbs Typ.)   |

| Other                 |                                 |
|-----------------------|---------------------------------|
| Interfaces Included   | LAN (LXI compliant)             |
|                       | USB                             |
|                       | RS-232                          |
|                       | RS-485                          |
| Interface Options     | Isolated analog voltage control |
|                       | GPIO                            |
|                       | EtherCAT                        |
|                       | Modbus-TCP                      |
| Operating Temp. Range | 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.