

NEW

NEW ! - Lightweight 5.0kW Output Power in 1U Height - NEW !
Also available in 1U-1.7kW, 2U-10kW and 3U-15kW !

TDK-Lambda **+GENESYS™ Series** **Programmable DC Power Supplies** **Full-Rack 5.0kW in 1U Height**

! Advanced Features Built-In !

- *Arbitrary Waveform Generator with Auto-Trigger Capability*
 - *Programmable Slew Rate Control (Vout/Iout)*
- *Constant Power Limit Operation*
 - *Built-In LAN (LXI 1.5), USB, and RS-232/RS-485 Interfaces*
 - *Built-In Remote Isolated Analog Interface*
- *Wide-Range Three-Phase 480VAC Input (342VAC ~ 528VAC) Available*
 - *Blank Front Panel Option Available*
- *Internal Resistance Programming*



TDK-Lambda
Innovating Reliable Power
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GENESYS Family - Output Voltage and Current

5.0kW Series (10V to 600V Standard Models)

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Models

Model Series	G (Standard Front Panel Display) GB (Blank Front Panel Display)
Rated Power	5.0kW
Voltage Range	Current Range
0~10V	0~500A
0~20V	0~250A
0~30V	0~170A
0~40V	0~125A
0~60V	0~85A
0~80V	0~65A
0~100V	0~50A
0~150V	0~34A
0~300V	0~17A
0~600V	0~8.5A
Weight (lb/kg)	16.5 / 7.5

AC Inputs

208VAC, 3Ø	• (1), (2)
400VAC/480VAC, 3Ø	• (1), (3)

(1) EN/UL/cUL 60950 Listed; CE Mark (LV, EMC and RoHS2 Directives)

(2) 175VAC ~ 265VAC (47 ~ 63Hz), 3Ø

(3) Wide-range, 342VAC ~ 525VAC (47 ~ 63Hz), 3Ø

Interfaces (Optional - All models)

IEEE	OPTION	IEEE Interface (488.2 & SCPI compliant with Multi-Drop capability)
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All "Options" are factory installed and limited to one per Power Supply

Interfaces (Standard - All models)

LAN	Standard	LAN Interface (LXI 1.5 compliant with Multi-Drop capability)
USB	Standard	USB Interface (USB 2.0 compliant with Multi-Drop capability)
RS-232/RS-485	Standard	RS-232/RS-485 Interface (with Multi-Drop capability)
Isolated Analog	Standard	Isolated Analog Program/Monitor Interface (user-selectable 5V/10V PGM/MON with 600V isolation)

Front Panel Air Filter Kit (Accessory)

G-AFK	1U Full-Rack - Std Front Panel	GB-AFK	1U Full-Rack - Blank Front Panel
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Parallel Cable (Accessory - All models)

G/P	Accessory	Cable, to parallel multiple 1U units (shielded, length = 11cm)
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Parallel Kit (Accessory): 2U (10kW), 3U (15kW) and 4U (20kW)

G/P-2U-10V	G/P-2U-20-40V	G/P-2U-60-100V	G/P-2U-150-600V
10V model only	20V-40V models only	60V-100V models only	150V-600V models only
G/P-3U-10V	G/P-3U-20-40V	G/P-3U-60-100V	G/P-3U-150-600V
10V model only	20V-40V models only	60V-100V models only	150V-600V models only
G/P-4U-10-40V	G/P-4U-20-40V	G/P-4U-60-100V	G/P-4U-150-600V
10V model only	20V-40V models only	60V-100V models only	150V-600V models only



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