

NEW

NEW ! - Lightweight 1.7kW Output Power in 1U Height - NEW !

TDK-Lambda **+GENESYS™ Series** Programmable DC Power Supplies Full-Rack 1.7kW in 1U Height

! Advanced Features Built-In !

- Arbitrary Waveform Generator with Auto-Trigger Capability
 - Programmable Slew Rate Control (Vout/Iout)
- Constant Power Limit Operation
- Internal Resistance Programming
 - Wide-Range Single-Phase AC Input (85VAC ~ 265VAC)
- Built-In LAN (LXI 1.5), USB, and RS-232/RS-485 Interfaces
 - Built-In Remote Isolated Analog Interface
 - Blank Front Panel Option Available



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GENESYS Family - Output Voltage and Current 1.7kW 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	1.7kW
Voltage Range	Current Range
0~10V	0~170A
0~20V	0~85A
0~30V	0~56A
0~40V	0~42A
0~60V	0~28A
0~80V	0~21A
0~100V	0~17A
0~150V	0~11.2A
0~300V	0~5.6A
0~600V	0~2.8A
Weight (lb/kg)	11.0 / 5.0

AC Inputs

115VAC/230VAC, 1Ø	• (1), (2)
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(1) EN/UL/cUL 60950 Listed; CE Mark (LV, EMC and RoHS2 Directives)

(2) **Wide-range**, 85VAC ~ 265VAC (47 ~ 63Hz), 1Ø

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 FP	GB-AFK	1U Full-Rack - Blank FP
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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 (3.4kW), 3U (5.1kW) and 4U (6.8kW) operation

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



TDK-Lambda Americas, Inc., 405 Essex Road, Neptune, NJ 07753 USA
Tel: +1.732.795.4100 Fax: +1.732.922.1441
www.us.tdk-lambda.com/hp