

## DISTRIBUTION LINE

# GENESYS™ Series



## High Power Density

Packed with valuable features and easy to use

The GENESYS+™ series offers extensive functionality and programming capability. All models transition seamlessly between constant voltage and constant current operation and also have constant power limit mode. Programming is consistent across the entire 1kW to 15kW GENESYS+™ series by either front panel controls, remotely via LAN (**LXI** 1.5), USB 2.0 and RS232/485 communications, or by using the isolated analogue control and monitoring interface (0-5V, 0-10V), which are provided as standard. Optional interfaces include GPIB (IEEE488.2), EtherCAT and Modbus-TCP. By using the GH/RM option kit, two GH units can be mounted side by side in a standard 19" rack.



## GENESYS™ Features

- 1kW in half or full width 19" rack, 1.5kW in half wide 19" rack, 1.7kW to 5kW in 1U, 10kW in 2U, 15kW in 3U full width 19" rack
- Scalable parallel operation up to 60kW
- Output voltage up to 600V, current up to 1500A
- LAN( **LXI** 1.5), USB, RS232/485, isolated analogue  
Optional: EtherCAT, Modbus-TCP, IEEE
- Constant power operation mode
- Arbitrary waveform generation and storage
- Voltage and current slew rate control
- Internal resistance simulation
- Options: Blank Front Panel, dust filter cover

Power	Output voltage ranges	Output current ranges	Warranty	Height	Cooling
GH1kW	0-10 – 0-600Vdc	0-100 – 0-1.7A	5 years	1U, 1/2 19"	
GH1.5kW	0-10 – 0-600Vdc	0-150 – 0-2.6A	5 years	1U, 1/2 19"	
G1kW	0-10 – 0-600Vdc	0-100 – 0-1.7A	5 years	1U	
G1.7kW	0-10 – 0-600Vdc	0-170 – 0-2.8A	5 years	1U	
G2.7kW	0-10 – 0-600Vdc	0-265 – 0-4.5A	5 years	1U	
G3.4kW	0-10 – 0-600Vdc	0-340 – 0-5.6A	5 years	1U	
G5kW	0-10 – 0-600Vdc	0-500 – 0-8.5A	5 years	1U	
GSP10kW	0-10 – 0-600Vdc	0-1000 – 0-17A	5 years	2U	
GSP15kW	0-10 – 0-600Vdc	0-1500 – 0-25.5A	5 years	3U	

**109 models available**