Programmable DC Power Supplies
2.4KW in 1U
Built in RS-232 & RS-485 Interface
Advanced Parallel Standard

Optional Interfaces:
- LXI Compliant LAN
- IEEE488.2 SCPI (GPIB)
- Isolated Analog Programming
The Genesys™ family of programmable power supplies sets a new standard for flexible, reliable, AC/DC power systems in OEM, Industrial and Laboratory applications.

Features include:

- High Power Density 2.4kW in 1U
- Wide Range of popular worldwide AC inputs, 1ø (230VAC) & 3ø (208VAC)
- Active Power Factor Correction (Single-Phase & Three-Phase AC Input)
- Output Voltage up to 600V, Current up to 300A
- Built-in RS-232/RS-485 Interface Standard
- Global Commands for Serial RS-232/RS-485 Interface
- Auto-Re-Start / Safe-Start: user selectable
- Last-Setting Memory
- High Resolution 16 bit ADCs & DACs
- Low Ripple & Noise
- Front Panel Lock selectable from Front Panel or Software
- Reliable Encoders for Voltage and Current Adjustment
- Constant Voltage/Constant Current auto-crossover
- Parallel Operation with Active Current Sharing; up to four identical units.
- Advanced Parallel Master / Slave. Total Current is Programmed and Measured via the Master.
- Independent Remote ON/OFF and Remote Enable/Disable
- External Analog Programming and Monitoring (user selectable 0-5V & 0-10V)
- Reliable Modular and SMT Design
- 19" Rack Mount capability for ATE and OEM applications
- Optional Interfaces
  - Isolated Analog Programming and Monitoring Interface (0-5V/0-10V & 4-20mA)
  - IEEE 488.2 SCPI (GPIB) Multi-Drop
  - LXI Compliant LAN
- LabView® and LabWindows® drivers
- Five Year Warranty
- Worldwide Safety Agency Approvals; CE Mark for LVD and EMC Regulation

Applications

Genesys™ power supplies have been designed to meet the demands of a wide variety of applications. System Designers will appreciate new, standard, remote programming features such as Global commands. Also, new high-speed status monitoring is available for the RS-485 bus.

Test Systems using the IEEE-488 bus may achieve significant cost savings by incorporating the Optional IEEE Multi-Drop Interface for a Master and up to 30 RS-485 Multi-Drop Slaves.

Higher power systems can be configured with up to four 2.4kW modules. Each module is 1U with zero space between them (zero stack).

Flexible configuration is provided by the complete Genesys™ Family: 1U 750W Half-Rack, 1U 750W and 1500W Full-Rack, 2U 3.3kW & 5kW. All are identical in Front Panel, Rear Panel Analog, and all Digital Interface Commands. A wide variety of outputs allows testing of many different devices.

OEM Designers have a wide variety of Inputs and Outputs from which to select depending on application and location.
**Front Panel Description**

1. **ON/OFF Switch**
2. Air Intake allows zero stacking for maximum system flexibility and power density.
3. Reliable encoder controls Output Voltage, Address, OVP and UVL settings.
4. Volt Display shows Output Voltage and directly displays OVP, UVL and Address settings.
5. Reliable encoder controls Output Current, sets baudrate and Advanced Parallel mode.
6. Current Display shows Output Current and displays Baud rate. Displays total current in Parallel Master/Slave Mode
7. Function/Status LEDs:
   - Alarm
   - Fine Control
   - Preview Settings
   - Foldback Mode
   - Remote Mode
   - Output On
8. Pushbuttons allow flexible user configuration
   - Coarse and Fine adjustment of Output Voltage/Current and Advanced Parallel Master or Slave select.
   - Preview settings and set Voltage/Current with Output OFF, Front Panel Lock
   - Parallel Master/Slave
   - Set OVP and UVL Limits
   - Set Current Foldback Protection
   - Go to Local Mode and select Address and Baud rate
   - Output ON/OFF and Auto-Re-Start/Safe-Start Mode

**Rear Panel Description**

1. Remote/Local Output Voltage Sense Connections.
2. DIP Switches select 0-5V or 0-10V Programming and other functions.
3. DB25 (Female) connector allows (Non-isolated) Analog Program and Monitor and other functions.
4. RS-485 OUT to other Genesys™ Power Supplies.
6. Output Connections: Rugged busbars (shown) for up to 100V Output; wire clamp connector for Outputs >100V.
7. Exit air assures reliable operation when zero stacked.
8. Input: 230VAC Single Phase (shown), 208 VAC Three Phase, 50/60 Hz
9. Optional Interface Position for IEEE 488.2 SCPI (shown) or Isolated Analog Interface or LAN Interface.
10. Auxiliary Output Voltage.
Genesys™ 2.4kW Specifications

1.0 MODEL

<table>
<thead>
<tr>
<th>GEN</th>
<th>8-300</th>
<th>10-240</th>
<th>16-150</th>
<th>20-120</th>
<th>30-60</th>
<th>40-50</th>
<th>50-30</th>
<th>100-24</th>
<th>150-16</th>
<th>300-8</th>
<th>600-4</th>
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<tbody>
<tr>
<td>1.0</td>
<td>Rated output voltage (*1)</td>
<td>V</td>
<td>8</td>
<td>10</td>
<td>16</td>
<td>20</td>
<td>30</td>
<td>40</td>
<td>60</td>
<td>80</td>
<td>100</td>
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<td></td>
<td>2.0</td>
<td>Rated Output Current (*2)</td>
<td>A</td>
<td>300</td>
<td>240</td>
<td>150</td>
<td>120</td>
<td>80</td>
<td>60</td>
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<td></td>
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<td>Rated Output Power</td>
<td>W</td>
<td>2400</td>
<td>2400</td>
<td>2400</td>
<td>2400</td>
<td>2400</td>
<td>2400</td>
<td>2400</td>
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<tr>
<td></td>
<td>4.0</td>
<td>*Development Priority</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
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</table>

1.1 CONSTANT VOLTAGE MODE

1.1.1 Max. line regulation (0.01% of rated Vo+2mV/*6) mV 2.8 3 3.6 4 5 6 8 10 12 17 32 62

1.1.2 Max. load regulation (0.015% of rated Vo+5mV/*7) mV 6.2 6.5 7.4 8 9.5 11 14 17 20 27.5 50 95

1.1.3 Ripple and noise r.m.s. 30Hz (*8) mV 60 60 60 60 60 60 60 80 80 100 150 300

1.1.4 Ripple r.m.s. 60Hz/1MHz mV 8 8 8 8 8 8 8 8 12 25 35 75

1.1.5 Remote sense compensation/wire V 2 2 2 2 5 5 5 5 5 5 5 5

1.1.6 Temperature of rated output voltage following 30 minutes warm-up mV 0.05% of rated Vout over 5hrs interval following 30 minutes warm-up. Constant line, load & temp.

1.1.7 Warm-up drift mS 100 0.05% of rated load over 5hrs interval following 30 minutes warm-up. Constant line, load & temp.

1.1.8 Warm-up drift mS Less than 0.05% of rated output current over 30 minutes following power on.

1.2 CONSTANT CURRENT MODE

1.2.1 Max. line regulation (0.01% of rated +2mA/*6) mA 32 26 17 14 10 8 6 5 4.4 3.6 2.8 2.4

1.2.2 Max. load regulation (0.02% of lo +5mA/*11) mA 65 53 35 29 21 17 14 11 9.8 8.2 6.6 5.8

1.2.3 Ripple r.m.s. 50Hz/1MHz (*12) mA 1200 960 600 480 220 120 70 50 40 30 15 7

1.3.1 PROTECTIVE FUNCTIONS

1.3.2 OVP trip point V 0.1V 0.5V or 10V, Accuracy and linearity: ±0.5% of rated Vo.

1.4 ANALOG PROGRAMMING AND MONITORING

1.4.1 Volt Programming (*13) 0~100%, 0~5V or 0~10V, select user. Accuracy and linearity: ±0.1% of rated Vo.

1.4.2 Volts Phantom Programming (*13) 0~100%, 0~5V/0~10V full scale. Select user. Accuracy and linearity: ±0.1% of rated Vo.

1.4.3 OVP resistor (*13) 0.05% of rated Vout over 5hrs. interval following 30 minutes warm-up. Constant line, load & temp.

1.4.4 Power Supply OK signal TTL high (4~5V) -OK, 0V-Fail 500ohm series resistance.

1.4.5 Remote OVP (remote panel) ON: on, OFF: off. Maximum voltage: 30V, maximum sink current: 10mA.

1.4.6 Remote OVP (remote panel) ON: on, OFF: off. Maximum voltage: 30V, maximum sink current: 10mA.

1.5 FRONT PANEL

1.5.1 Control functions

1.5.2 OVP/UVP manual adjust by separate encoder (coarse and fine adjustment selectable).

1.5.3 OVP/UVP manual adjust by separate encoder (coarse and fine adjustment selectable).

1.5.4 OVP/UVP manual adjust by separate encoder (coarse and fine adjustment selectable).

1.5.5 OVP/UVP manual adjust by separate encoder (coarse and fine adjustment selectable).

1.6 Interface RS-232&RS-485 or Optional GPIB / LAN Interface

<table>
<thead>
<tr>
<th>Model</th>
<th>V</th>
<th>8</th>
<th>10</th>
<th>16</th>
<th>20</th>
<th>30</th>
<th>40</th>
<th>60</th>
<th>80</th>
<th>100</th>
<th>150</th>
<th>300</th>
<th>600</th>
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</thead>
<tbody>
<tr>
<td>1.0</td>
<td>Remote Voltage Programming (16 bit)</td>
<td>Resolution (0.012 % of Vo Rated)</td>
<td>mV</td>
<td>0.96</td>
<td>1.2</td>
<td>1.92</td>
<td>2.4</td>
<td>3.6</td>
<td>4.8</td>
<td>7.2</td>
<td>9.6</td>
<td>12</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>Accuracy (0.05% of Vo Rated +0.5% of Vo Actual output)</td>
<td>mV</td>
<td>8</td>
<td>10</td>
<td>16</td>
<td>20</td>
<td>30</td>
<td>46</td>
<td>60</td>
<td>80</td>
<td>100</td>
<td>150</td>
<td>300</td>
</tr>
<tr>
<td>2.0</td>
<td>Remote Current Programming (16 bit)</td>
<td>Resolution (0.012 % of Io Rated)</td>
<td>mA</td>
<td>36</td>
<td>28.8</td>
<td>18</td>
<td>14.4</td>
<td>9.6</td>
<td>7.2</td>
<td>4.8</td>
<td>3.6</td>
<td>2.88</td>
<td>1.92</td>
</tr>
<tr>
<td></td>
<td>Accuracy (0.05% of Io Rated +0.5% of Io Actual output)</td>
<td>mA</td>
<td>300</td>
<td>270</td>
<td>450</td>
<td>360</td>
<td>240</td>
<td>180</td>
<td>120</td>
<td>90</td>
<td>72</td>
<td>48</td>
<td>24</td>
</tr>
<tr>
<td>3.0</td>
<td>Readback Voltage</td>
<td>Resolution (0.012 % of Vo Rated)</td>
<td>mV</td>
<td>0.96</td>
<td>1.2</td>
<td>1.92</td>
<td>2.4</td>
<td>3.6</td>
<td>4.8</td>
<td>7.2</td>
<td>9.6</td>
<td>12</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>Accuracy (0.1% of Vo Rated +0.1% of Vo Actual output)</td>
<td>mV</td>
<td>16</td>
<td>20</td>
<td>32</td>
<td>40</td>
<td>60</td>
<td>80</td>
<td>120</td>
<td>160</td>
<td>200</td>
<td>300</td>
<td>600</td>
</tr>
<tr>
<td>4.0</td>
<td>Readback Current</td>
<td>Resolution (0.012 % of Io Rated)</td>
<td>mA</td>
<td>36</td>
<td>28.8</td>
<td>18</td>
<td>14.4</td>
<td>9.6</td>
<td>7.2</td>
<td>4.8</td>
<td>3.6</td>
<td>2.88</td>
<td>1.92</td>
</tr>
<tr>
<td></td>
<td>Accuracy (0.1% of Io Rated +0.1% of Io Actual output)</td>
<td>mA</td>
<td>1200</td>
<td>960</td>
<td>600</td>
<td>480</td>
<td>320</td>
<td>240</td>
<td>160</td>
<td>120</td>
<td>90</td>
<td>72</td>
<td>48</td>
</tr>
<tr>
<td>5.0</td>
<td>OVP/UVP Programming</td>
<td>Resolution (0.1% of Vo Rated)</td>
<td>mV</td>
<td>8</td>
<td>10</td>
<td>16</td>
<td>20</td>
<td>30</td>
<td>40</td>
<td>60</td>
<td>80</td>
<td>100</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td>Accuracy (1% of Vo Rated)</td>
<td>mV</td>
<td>80</td>
<td>100</td>
<td>160</td>
<td>200</td>
<td>300</td>
<td>400</td>
<td>600</td>
<td>800</td>
<td>1000</td>
<td>1500</td>
<td>3000</td>
</tr>
</tbody>
</table>

*1: Minimum voltage is guaranteed to maximum 0.2% of rated output voltage.
*2: Minimum current is guaranteed to maximum 0.4% of rated output current.
*3: For cases where conformance to various safety standards (UL, IEC, etc) is required, to be described as 190-240Vac (50/60Hz) for 3-Phase 208V models.
*4: 3-Phase 208V models: At 208Vac input voltage. With rated output power.
*5: Not including EMI filter input current, less than 0.2mSec.
*6: 3-Phase 208V models: 170-265Vac, constant load.
*7: From No-Load to Full-Load, constant input voltage. Maximum drop in Remote Sense.
2.1 INPUT CHARACTERISTICS

<table>
<thead>
<tr>
<th>GEN</th>
<th>8-300</th>
<th>10-240</th>
<th>16-150</th>
<th>25-120</th>
<th>30-80</th>
<th>40-60</th>
<th>50-40</th>
<th>80-30</th>
<th>100-24</th>
<th>150-16</th>
<th>300-8</th>
<th>600-4</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Input voltage/freq. (*3)</td>
<td>230V</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
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</tr>
<tr>
<td>2. Maximum Input current at 100% load</td>
<td>Single Phase, 230V models</td>
<td>17</td>
<td>17</td>
<td>17</td>
<td>16.3</td>
<td>16.3</td>
<td>16.3</td>
<td>16.3</td>
<td>16.3</td>
<td>16.3</td>
<td>16.3</td>
<td>16.3</td>
</tr>
<tr>
<td>3. Power Factor (Typ)</td>
<td>Single Phase models: 0.95@230Vac, rated output power; 3 Phase models: 0.94@208 Vac, rated output power.</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Efficiency (%) A</td>
<td>80</td>
<td>84</td>
<td>84</td>
<td>86</td>
<td>88</td>
<td>88</td>
<td>88</td>
<td>88</td>
<td>88</td>
<td>88</td>
<td>88</td>
<td>88</td>
</tr>
</tbody>
</table>

2.2 AUXILIARY OUTPUT

1. 15V output 15V±5%, 0.3A Max load, Ripple & Noise 50mVp-p. Referenced internally to the negative output potential.
2. 5V output 5V±5%, 0.2A Max load, Ripple & Noise 50mVp-p. Referenced internally to IF_com potential.

2.3 POWER SUPPLY CONFIGURATION

1. Parallel Operation Up to 4 identical units in master/slave mode
2. Series Operation Up to 2 identical units, with external diodes. 600V Max to Chassis ground

2.4 ENVIROMENTAL CONDITIONS

1. Operating temp 0~50°C, 100% load.
2. Storage temp -20~85°C
3. Operating humidity 20~90% RH (non-condensing).
4. Storage humidity 10~95% RH (non-condensing).
5. Vibration MIL-810F, method 514.5, The EUT is fixed to the vibrating surface.
6. Shock Less than 20G, half sine, 11mSec. Unit is unpacked.
7. Altitude Operating: 10000ft (3000m), Derate output current by 2%/100m above 2000m. Alternatively, derate maximum ambient temp. by 1ºC/100m above 2000m.
8. RoHS Compliance Complies with the requirements of RoHS directive.

2.5 EMC

1. Applicable Standards:
   - CE Mark, UL60950, EN60590 listed. Vout<40V: Output is SELV. IEEE/Isolated analog are not SELV.
   - 40V<Vout<600V: Output is hazardous. IEEE/Isolated analog are not SELV.
   - Vout<40V: Output is SELV.
   - Vout<600V: Output is hazardous. IEEE/Isolated analog are not SELV.
2. Fast transients IEC1000-4-4, 2KV
3. Surge immunity IEC1000-4-5, 1KV line to line, 2KV line to ground
4. Conducted immunity IEC1000-4-6, 3V
5. Radiated immunity EN61000-4-3, 3V/m
6. Voltage dips EN61000-4-11

2.6 SAFETY

1. Applicable standards:
   - CE Mark, UL60950, EN60950 listed. Vout<40V: Output is SELV. IEEE/Isolated analog are not SELV.
   - 40V<Vout<600V: Output is hazardous. IEEE/Isolated analog are SELV.
   - Vout<40V: Output is SELV.
2. Withstand voltage
   - Vout<40V models: Input-Outputs (SELV): 4242VDC 1min, Input-Ground: 2828VDC 1min.
   - Hazardous Output-SELV: 1900VDC 1min. Hazardous Output-Ground: 2670VDC 1min.
   - Vout<600V: Input-Ground: 2828VDC 1min.
3. Insulation resistance
   - More than 100Mohm at 25°C, 70% RH.

2.7 MECHANICAL CONSTRUCTION

1. Cooling Forced air flow: from front to rear. No ventilation holes at the top or bottom of the chassis; Variable fan speed.
2. Dimensions (WxHxD) W: 423mm, H: 43.6mm, D: 432.8mm (excluding connectors, encoders, handles, etc.)
3. Weight 10 kg.
   - 3-Phase, 208V models, wire clamp connector, Phoenix P/N: FRONT-4-H-7.62, with Strain relief.
5. Output connectors 8V to 100V models: Bus-bars (hole Ø 8.5mm ); 150V to 600V models: wire clamp connector, Phoenix P/N: FRONT-4-H-7.62
   - Auxiliary output Header: IMC 1.5/7-G-3.81, Plug: IMC 1.5/7-ST-3.81 (Phoenix Contact).

2.8 RELIABILITY SPECS

1. Warranty 5 years.

All specifications subject to change without notice.

Outline Drawing Genesys™ 2.4kW Units
**Genesys™ Power Parallel and Series Configurations**

**Parallel operation - Master/Slave:**
Active current sharing allows up to four identical units to be connected in an auto-parallel configuration for four times the output power.

In **Advanced Parallel Master/Slave Mode**, total current is programmed and reported by the Master. Up to four supplies act as one.

**Series operation**
Up to two units may be connected in series to increase the output voltage or to provide bipolar output. (Max 600V to Chassis Ground).

**Remote Programming via RS-232 & RS-485 Interface**
Standard Serial Interface allows daisy-chain control of up to 31 power supplies on the same communication bus with built-in RS-232 & RS-485 Interface.

**Programming Options (Factory installed)**

**Digital Programming via IEEE Interface**
- IEEE 488.2 SCPI Compliant
- Program Voltage
- Measure Voltage
- Over Voltage setting and shutdown
- Error and Status Messages
- **New! Multi-Drop**
  - Allows IEEE Master to control up to 31 slaves over RS-485 daisy-chain
  - Only the Master needs to be equipped with IEEE Interface

**Isolated Analog Programming**
Four Channels to Program and Monitor Voltage and Current. Isolation allows operation with floating references in harsh electrical environments.

Choose between programming with Voltage or Current.

Connection via removable terminal block: Phoenix MC1,5/8-ST-3.81.

- Voltage Programming, user-selectable 0-5V or 0-10V signal. P/N: IS510
  - Power supply Voltage and Current Programming Accuracy ±1%
  - Power supply Voltage and Current Monitoring Accuracy ±1.5%
- Current Programming with 4-20mA signal. P/N: IS420
  - Power supply Voltage and Current Programming Accuracy ±1%
  - Power supply Voltage and Current Monitoring Accuracy ±1.5%

**LAN Interface**
- Meets all LXi-C Requirements
- Address Viewable on Front Panel
- Fixed and Dynamic Addressing
- Compatible with most standard Networks
- Compliant to Class C P/N: LAN
  - VISA & SCPI Compatible
  - LAN Fault Indicators
  - Auto-detects LAN Cross-over Cable
  - Fast Startup
Power Supply Identification / Accessories

How to order

<table>
<thead>
<tr>
<th>GEN 8</th>
<th>300</th>
<th>Factory Options:</th>
</tr>
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<tbody>
<tr>
<td>Series Name</td>
<td>Output Voltage (0~8V)</td>
<td>Output Current (0~300A)</td>
</tr>
<tr>
<td>GEN 8-300</td>
<td>0-8V</td>
<td>0-300</td>
</tr>
<tr>
<td>GEN 10-240</td>
<td>0-10V</td>
<td>0-240</td>
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<td>GEN 16-150</td>
<td>0-15V</td>
<td>0-150</td>
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<td>GEN 20-120</td>
<td>0-20V</td>
<td>0-120</td>
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<tr>
<td>GEN 40-60</td>
<td>0-40V</td>
<td>0-60</td>
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Models 2.4kW

<table>
<thead>
<tr>
<th>Model</th>
<th>Output Voltage VDC</th>
<th>Output Current A</th>
<th>Output Power W</th>
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<tbody>
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<td>GEN 8-300</td>
<td>0-8V</td>
<td>0-300</td>
<td>2400</td>
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<tr>
<td>GEN 10-240</td>
<td>0-10V</td>
<td>0-240</td>
<td>2400</td>
</tr>
<tr>
<td>GEN 16-150</td>
<td>0-15V</td>
<td>0-150</td>
<td>2400</td>
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<tr>
<td>GEN 20-120</td>
<td>0-20V</td>
<td>0-120</td>
<td>2400</td>
</tr>
<tr>
<td>GEN 40-60</td>
<td>0-40V</td>
<td>0-60</td>
<td>2400</td>
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<table>
<thead>
<tr>
<th>Model</th>
<th>Output Voltage VDC</th>
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<th>Output Power W</th>
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<td>0-60V</td>
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<td>GEN 80-30</td>
<td>0-80V</td>
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<td>2400</td>
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<td>GEN 100-24</td>
<td>0-100V</td>
<td>0-24</td>
<td>2400</td>
</tr>
<tr>
<td>GEN 150-16</td>
<td>0-150V</td>
<td>0-16</td>
<td>2400</td>
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<td>GEN 300-8</td>
<td>0-300V</td>
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<tr>
<td>GEN 600-4</td>
<td>0-600V</td>
<td>0-4</td>
<td>2400</td>
</tr>
</tbody>
</table>

Factory option

<table>
<thead>
<tr>
<th>Option</th>
<th>P/N</th>
</tr>
</thead>
<tbody>
<tr>
<td>GPIB Interface</td>
<td>GEN/232-9</td>
</tr>
<tr>
<td>Voltage Programming Isolated Analog Interface</td>
<td>GEN/232-25</td>
</tr>
<tr>
<td>Current Programming Isolated Analog Interface</td>
<td>GEN/232-25</td>
</tr>
<tr>
<td>LAN Interface (Complies with LXI Class C)</td>
<td>GEN/232-25</td>
</tr>
</tbody>
</table>

Accessories

1. Serial Communication cable
RS-232/RS-485 cable is used to connect the power supply to the Host PC.

<table>
<thead>
<tr>
<th>Mode</th>
<th>RS-485</th>
<th>RS-232</th>
<th>RS-232</th>
</tr>
</thead>
<tbody>
<tr>
<td>PC Connector</td>
<td>DB-9F</td>
<td>DB-9F</td>
<td>DB-25F</td>
</tr>
<tr>
<td>Communication Cable</td>
<td>Shield Ground L=2m</td>
<td>Shield Ground L=2m</td>
<td>Shield Ground L=2m</td>
</tr>
<tr>
<td>Power Supply Connector</td>
<td>EIA/TIA-568A (RJ-45)</td>
<td>EIA/TIA-568A (RJ-45)</td>
<td>EIA/TIA-568A (RJ-45)</td>
</tr>
<tr>
<td>P/N</td>
<td>GEN/485-9</td>
<td>GEN/232-9</td>
<td>GEN/232-25</td>
</tr>
</tbody>
</table>

2. Serial link cable*
Daisy-chain up to 31 Genesys™ power supplies.

<table>
<thead>
<tr>
<th>Mode</th>
<th>Power Supply Connector</th>
<th>Communication Cable</th>
<th>P/N</th>
</tr>
</thead>
<tbody>
<tr>
<td>RS-485</td>
<td>EIA/TIA-568A (RJ-45)</td>
<td>Shield Ground L=50cm</td>
<td>GEN/RJ45</td>
</tr>
</tbody>
</table>

* Included with power supply.

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