

How to order G1.7kW - Power Supply Identification / Accessories

G	10	170		
Series Name	Output	Output	Interface Options	Accessories Options
Front Panel Type	Voltage	Current		M - Printed *User Manual
Empty: standard	(0~10V)	(0~170A)		* User Manual & GUI are provided on CD as Standard
B: Blank Front Panel (ATE version)				P - Bus Paralleling Cable

AC Inputs (All Models)

1Ø, 85 ~ 265Vac

Interface Options (Factory installed)

LAN (1.5 compliant with Multi-Drop capability) - built-in
 USB 2.0 compliant with Multi-Drop capability - built-in
 RS-232/RS-485 - built-in
 Isolated Analog Program/Monitor Interface
 (5V/10V Pgm/Mon with 600V isolation) - built-in
 IEEE (488.2 & SCPI compliant with Multi-Drop capability installed)
 Modbus-TCP
 EtherCAT

P/N

-	
-	
-	
-	
IEEE	Available
MDBS	Available
ECAT	coming soon

Models 1.7kW

Model	Output Voltage VDC	Output Current (A)	Output Power (W)	Model	Output Voltage VDC	Output Current (A)	Output Power (W)
G10-170	0~10V	0~170	1700	G80-21	0~80V	0~21	1680
G20-85	0~20V	0~85	1700	G100-17	0~100V	0~17	1700
G30-56	0~30V	0~56	1680	G150-11.2	0~150V	0~11.2	1680
G40-42	0~40V	0~42	1680	G300-5.6	0~300V	0~5.6	1680
G60-28	0~60V	0~28	1680	G600-2.8	0~600V	0~2.8	1680

Accessories

Accessories will be sent separately from the Power Supply packing, according to order.

1. Serial Communication cable

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

Mode	RS-485	RS-232
PC Connector	DB-9F	DB-9F
Communication Cable	Shielded L=2m	Shielded L=2m
Power Supply Connector	RJ-45	RJ-45
P/N	GEN/485-9	GEN/232-9

2. Serial link cable (Included with the power supply)

Daisy-chain up to 31 GENESYS™ power supplies.

Mode	Power Supply Connector	Communication Cable	P/N
RS-485	RJ-45	Shielded L=50cm	GEN/RJ45

3. Bus Paralleling cable

Connectors	Cables	P/N
2013595-1 (TYCO)	Shielded L=11cm	G/P

4. User Manual

Printed User Manual	P/N
	G/M



How to order G2.7kW / 3.4kW - Power Supply Identification / Accessories

G	10	340			
Series Name	Output	Output	Interface Options	AC Input Options	Accessories Options
Front Panel Type	Voltage	Current		1P208 (Single Phase 170~265VAC)	M - Printed *User Manual
Empty: standard	(0~10V)	(0~340A)		3P208 (Three Phase 170~265VAC)	* User Manual & GUI are provided on CD as Standard
B: Blank Front Panel (ATE version)				3P400 (Three Phase 342~460VAC)	P - Bus Paralleling Cable
				3P480 (Three Phase 342~528VAC)	

Interface Options (Factory installed)

LAN (✓) 1.5 compliant with Multi-Drop capability) - built-in
 USB 2.0 compliant with Multi-Drop capability - built-in
 RS-232/RS-485 - built-in
 Isolated Analog Program/Monitor Interface (5V/10V Pgm/Mon with 600V isolation) - built-in
 IEEE (488.2 & SCPI compliant with Multi-Drop capability installed)
 Modbus-TCP
 EtherCAT

P/N

-	
-	
-	
-	
IEEE	Available
MDBS	Available
ECAT	coming soon

Models G2.7kW

Model	Output Voltage VDC	Output Current (A)	Output Power (W)	Model	Output Voltage VDC	Output Current (A)	Output Power (W)
G10-265	0~10V	0~265	2650	G80-34	0~80V	0~34	2720
G20-135	0~20V	0~135	2700	G100-27	0~100V	0~27	2700
G30-90	0~30V	0~90	2700	G150-18	0~150V	0~18	2700
G40-68	0~40V	0~68	2720	G300-9	0~300V	0~9	2700
G60-45	0~60V	0~45	2700	G600-4.5	0~600V	0~4.5	2700

Models G3.4kW

Model	Output Voltage VDC	Output Current (A)	Output Power (W)	Model	Output Voltage VDC	Output Current (A)	Output Power (W)
G10-340	0~10V	0~340	3400	G80-42	0~80V	0~42	3360
G20-170	0~20V	0~170	3400	G100-34	0~100V	0~34	3400
G30-112	0~30V	0~112	3360	G150-22.5	0~150V	0~22.5	3375
G40-85	0~40V	0~85	3400	G300-11.5	0~300V	0~11.5	3450
G60-56	0~60V	0~56	3360	G600-5.6	0~600V	0~5.6	3360

Accessories

Accessories will be sent separately from the Power Supply packing, according to order.

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

Mode	RS-485	RS-232
PC Connector, Communication Cable, Power Supply Connector	DB-9F. Shielded L=2m. RJ-45	DB-9F. Shielded L=2m, RJ-45
P/N	GEN/485-9	GEN/232-9

2. Serial link cable (Included with the power supply)

Daisy-chain up to 31 **GENESYS™** power supplies.

Mode	Power Supply Connector	Communication Cable	P/N
RS-485	RJ-45	Shielded L=50cm	GEN/RJ45

3. Bus Paralleling cable

Connectors	Cables	P/N
2013595-1 (TYCO)	Shielded L=11cm	G/P

4. User Manual

Printed User Manual	G/M
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How to order G5kW - Power Supply Identification / Accessories

G	10	500			
Series Name	Output	Output	Interface Options	AC Input Options	Accessories Options
Front Panel Type	Voltage	Current		3P208 (Three Phase 170~265VAC)	M - Printed *User Manual
Empty: standard	(0~10V)	(0~500A)		3P400 (Three Phase 342~460VAC)	* User Manual & GUI are provided on CD as Standard
B: Blank Front Panel (ATE version)				3P480 (Three Phase 342~528VAC)	P - Bus Paralleling Cable

Interface Options (Factory installed)

LAN (1.5 compliant with Multi-Drop capability) - built-in
 USB 2.0 compliant with Multi-Drop capability - built-in
 RS-232/RS-485 - built-in
 Isolated Analog Program/Monitor Interface (5V/10V Pgm/Mon with 600V isolation) - built-in
 IEEE (488.2 & SCPI compliant with Multi-Drop capability installed)
 Modbus-TCP
 EtherCAT

P/N

-	Available
-	Available
-	coming soon
IEEE	Available
MDBS	Available
ECAT	coming soon

Models 5kW

Model	Output Voltage VDC	Output Current (A)	Output Power (W)	Model	Output Voltage VDC	Output Current (A)	Output Power (W)
G10-500	0~10V	0~500	5000	G80-65	0~80V	0~65	5200
G20-250	0~20V	0~250	5000	G100-50	0~100V	0~50	5000
G30-170	0~30V	0~170	5100	G150-34	0~150V	0~34	5100
G40-125	0~40V	0~125	5000	G200-25	0~200V	0~25	5000
G60-85	0~60V	0~85	5100	G300-17	0~300V	0~17	5100
				G600-8.5	0~600V	0~8.5	5100

Accessories

Accessories will be sent separately from the Power Supply packing, according to order.

1. Serial Communication cable

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

Mode	RS-485	RS-232
PC Connector	DB-9F	DB-9F
Communication Cable	Shielded L=2m	Shielded L=2m
Power Supply Connector	RJ-45	RJ-45
P/N	GEN/485-9	GEN/232-9

2. Serial link cable (Included with the power supply)

Daisy-chain up to 31 **GENESYS™** power supplies.

Mode	Power Supply Connector	Communication Cable	P/N
RS-485	RJ-45	Shielded L=50cm	GEN/RJ45

3. Bus Paralleling cable

Connectors	Cables	P/N
2013595-1 (TYCO)	Shielded L=11cm	G/P

4. User Manual

Printed User Manual	G/M
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5. Parallel Kit: 20kW/30kW

G/P-4U: BusBar Parallel Kit for 20 kW operation (5kW Models where Vout up to 100V)

G/P-6U: BusBar Parallel Kit for 30 kW operation (5kW Models where Vout up to 100V)



How to order GSP10kW-15kW - Power Supply Identification / Accessories

G	SP	10	-	1500	-	-	-
Series Name	Output	Output	InterfaceOptions		AC Input Options		Accessories Options
Front Panel Type	Voltage	Current			3P208 (Three Phase 170~265VAC)		M - Printed *User Manual
Empty: standard	(0~10V)	(0~1500A)			3P400 (Three Phase 342~460VAC)		* User Manual & GUI are provided on CD as Standard
B: Blank Front Panel (ATE version)					3P480 (Three Phase 342~528VAC)		

Interface Options (Factory installed)

LAN (1.5 compliant with Multi-Drop capability)- built-in
 USB 2.0 compliant with Multi-Drop capability - built-in
 RS-232/RS-485 - built-in
 Isolated Analog Program/Monitor Interface (5V/10V Pgm/Mon with 600V isolation) - built-in
 IEEE (488.2 & SCPI compliant with Multi-Drop capability installed)
 Modbus-TCP
 EtherCAT

IEEE	Available
MDBS	Available3
ECAT	coming soon

Models GSP 10kW

Model	Output Voltage VDC	Output Current (A)	Output Power (kW)	Model	Output Voltage VDC	Output Current (A)	Output Power (kW)
GSP10-1000	0~10V	0~1000	10	GSP80-130	0~80V	0~130	10.4
GSP20-500	0~20V	0~500	10	GSP100-100	0~100V	0~100	10
GSP30-340	0~30V	0~340	10.2	GSP150-68	0~150V	0~68	10.2
GSP40-250	0~40V	0~250	10	GSP200-50	0~200V	0~50	10
GSP60-170	0~60V	0~170	10.2	GSP300-34	0~300V	0~34	10.2
				GSP600-17	0~600V	0~17	10.2

Models GSP 15kW

Model	Output Voltage VDC	Output Current (A)	Output Power (kW)	Model	Output Voltage VDC	Output Current (A)	Output Power (kW)
GSP10-1500	0~10V	0~1500	15	GSP80-195	0~80V	0~195	15.6
GSP20-750	0~20V	0~750	15	GSP100-150	0~100V	0~150	15
GSP30-510	0~30V	0~510	15.3	GSP150-102	0~150V	0~102	15.3
GSP40-375	0~40V	0~375	15	GSP200-75	0~200V	0~75	15
GSP60-255	0~60V	0~255	15.3	GSP300-51	0~300V	0~51	15.3
				GSP600-25.5	0~600V	0~25.5	15.3

Accessories

Accessories will be sent separately from the Power Supply packing, according to order.

1. Serial Communication cable

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

Mode	RS-485	RS-232
PC Connector	DB-9F	DB-9F
Communication Cable	Shielded L=2m	Shielded L=2m
Power Supply Connector	RJ-45	RJ-45
P/N	GEN/485-9	GEN/232-9

2. Bus Paralleling cable (Included with the power supply)

Connectors	Cables	P/N
2013595-1 (TYCO)	Shielded L=11cm	G/P

3. User Manual

Printed User Manual	G/M
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GENESYS™ Family Output Voltage and Current

Models Series	G (Std Front Panel Display) GB (Blank Front Panel Display)				GSP (Scalable Power)	
Rated Power	1.7kW	2.7kW	3.4kW	5kW	10kW	15kW
Voltage Range	Current Range (A)					
0-10V	0~170A	0~265A	0~340A	0~500A	0~1000A	0~1500A
0-20V	0~85A	0~135A	0~170A	0~250A	0~500A	0~750A
0-30V	0~56A	0~90A	0~112A	0~170A	0~340A	0~510A
0-40V	0~42A	0~68A	0~85A	0~125A	0~250A	0~375A
0-60V	0~28A	0~45A	0~56A	0~85A	0~170A	0~255A
0-80V	0~21A	0~34A	0~42A	0~65A	0~130A	0~195A
0-100V	0~17A	0~27A	0~34A	0~50A	0~100A	0~150A
0-150V	0~11.2A	0~18A	0~22.5A	0~34A	0~68A	0~102A
0-200V	-	-	-	0~25A	0~50A	0~75A
0-300V	0~5.6A	0~9A	0~11.5A	0~17A	0~34A	0~51A
0-600V	0~2.8A	0~4.5A	0~5.6A	0~8.5A	0~17A	0~25.5A
Weight (kg/lb)	5/11	6.25/14.3	6.25/14.3	7.5/16.5	15.5/34.2	23.5/51.8

AC Input Range

Rated Power	1.7kW	2.7kW	3.4kW	5kW	10kW	15kW
1Ø, 85-265Vac	*	N/A	N/A	N/A	N/A	N/A
1Ø, 170-265Vac		*	*	N/A	N/A	N/A
3P208	N/A	*	*	*	*	*
3P400	N/A	*	*	*	*	*
3P480	N/A	*	*	*	*	*

Also available GH 1.5 kW Series Half-Rack 1.5kW in 1U Height



Models Series		GH (Std Front Panel Display) GHB (Blank Front Panel Display)
Model	Rated Power	1.5kW
	Voltage Range	Current Range (A)
GH10-150	0-10V	0~150A
GH20-75	0-20V	0~75A
GH30-50	0-30V	0~50A
GH40-38	0-40V	0~38A
GH60-25	0-60V	0~25A
GH80-19	0-80V	0~19A
GH100-15	0-100V	0~15A
GH150-10	0-150V	0~10A
GH300-5	0-300V	0~5.0A
GH600-2.6	0-600V	0~2.6A

