

## Datasheet

### DC Power Supplies GS 60 – GS 150



Active front panel



Rear view



Passive front panel with status-LEDs

The air-cooled DC power supplies, series GS 60 – GS 150, are available in three different versions: with active front panel, with passive front panel and with status-LEDs. The power supplies can be operated at full output power without duty cycle limitations. Parallel operation of several power supplies is possible. The GS 60 – GS 150 series has, like all power supplies from ADL, an extremely fast automatic arc handling. Operation of the power supplies is easy and safe.

#### ★ Highlights

- ★ Output power 6 - 15 kW
- ★ Air cooling
- ★ 19"-case, 3 HU
- ★ Floating output
- ★ Automatic arc handling
- ★ Joule mode (Option)

#### We are happy to help!

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#### Customer Support

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## Variants

Type	DC-Output			Order-No.
<b>GS 60/800</b>	6 kW	800 V	10 A	<b>03Z290</b>
<b>GS 80/800</b>	8 kW	800 V	17 A	<b>03Z340</b>
<b>GS 100/800</b>	10 kW	800 V	17 A	<b>03Z390</b>
<b>GS 120/800</b>	12 kW	800 V	20 A	<b>03Z440</b>
<b>GS 150/800</b>	15 kW	800 V	25 A	<b>03Z490</b>

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**Options and Accessories - detailed Information see Datasheet “Accessories”**

Type	Order-No.
<b>Control Interfaces</b>	
AS4 - analogue for U-, I- or P-Regulation	<b>01Y001</b>
AS4F - analogue for U-, I- or P-Regulation, fast Data Transfer	<b>01Y021</b>
AS6 - analogue for U-, I-, P-Limit Specification	<b>01Y061</b>
Profibus DP	<b>01Y160</b>
EtherCAT®	<b>01Y170</b>
RS232/485	<b>01Y181</b>
<b>Indications</b>	
Front panel active with 3 ½ digit Display	<b>02Y050</b>
Front panel passive with 3 ½ digit Display	<b>02Y101</b>
Status-LEDs	<b>01Y010</b>
<b>Connectors</b>	
GS/GSC-Connector Set X1/X2 Harting straight	<b>03Y020</b>
GS/GSC Connector Set X1/X2 Harting angled	<b>03Y040</b>
<b>Miscellaneous</b>	
Remote Control RC 4	<b>06Y401</b>

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## Technical Data

	<b>GS 60/800</b>	<b>GS 80/800</b>	<b>GS 100/800</b>	<b>GS 120/800</b>	<b>GS 150/800</b>
<b>Operational Data</b>					
Output Power	6 kW	8 kW	10 kW	12 kW	15 kW
Output Voltage	800 V	800 V	800 V	800 V	800 V
Output Current	10 A	17 A	17 A	20 A	25 A
Indications (Option)	3 ½ digit display for current, voltage and power				
Control	Current, voltage or power controlled				
Operation Mode	External via control interface				
Set Point	0 ... 100 % of nominal value for current, voltage or power				
Output Accuracy	+ / - 1 % of nominal value for current, voltage and power				
Arc Suppression	Quenching time: 6 µs up to 3 ms, automatically Delay time: 6 µs up to 10 ms, automatically				
<b>Mains Input Connection</b>					
Line Voltage	3 x 400 V, + / - 10 %, 50/60 Hz, PE				
Fusing	16 A	16 A	20 A	25 A	25 A
Mains Cable	4 x 1.5 mm <sup>2</sup>	4 x 1.5 mm <sup>2</sup>	4 x 2.5 mm <sup>2</sup>	4 x 4 mm <sup>2</sup>	4 x 4 mm <sup>2</sup>
Mains Connector (X2)	Harting Han-Modular Compact				
Power Consumption	6.6 kVA	9 kVA	11 kVA	13.2 kVA	16.5 kVA
<b>DC-Output Connection</b>					
DC-Cable JZ-600-Y-CY	2 x 1.5 mm <sup>2</sup>	2 x 2.5 mm <sup>2</sup>	2 x 2.5 mm <sup>2</sup>	2 x 2.5 mm <sup>2</sup>	2 x 4 mm <sup>2</sup>
DC-Connection (X1)	Harting Han-Modular Compact				
<b>Cooling System</b>					
Air Cooling	Built-in fan, maximum ambient temperature 40° C				
Fan Noise Emission	L <sub>pA</sub> < 70 dB (A)				
<b>Mechanical Data</b>					
Size (without Plug)	Width: 437 mm (19"), Height: 132.5 mm (3 HU), Length 540 mm				
Weight (without Packaging)	27 kg	29 kg	29 kg	29 kg	31 kg

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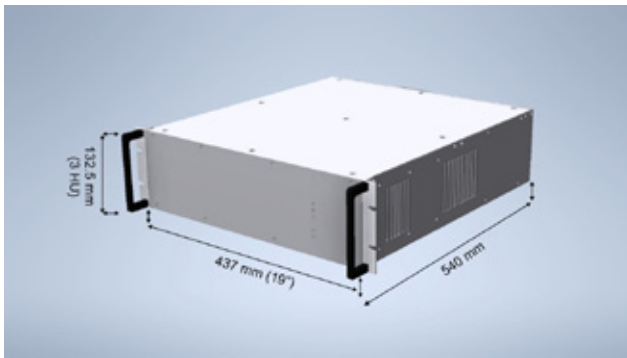
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## Dimensions



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