

1. Technical data

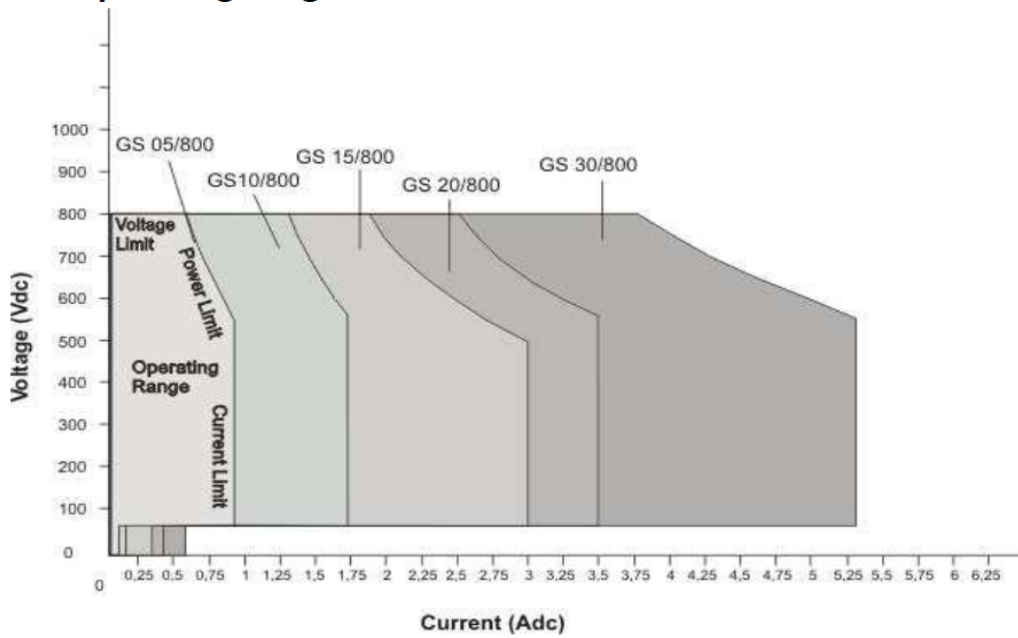
	GS 05/800	GS 10/800	GS 15/800	GS 20/800	GS 30/800
Nominal power	0,5kW	1kW	1,5kW	2kW	3kW
Output voltage	800V Plus pole grounded				
	Option: Negative pole grounded		Option: floating		
Output current	0,9A	1,7A	3A	3,5A	5,3A
Control	Current, voltage or power controlled				
Modes of operation	Manual via front panel or external via A/D interface AS 4, AS 4 F or Profibus				
Set point	0 ... 100 % of nominal voltage, current or power				
Output accuracy	+/- 1 % of nominal value for voltage, current and power				
Arc suppression	Quenching time: 6 μ s up to 3ms, automatically Delay time: 6 μ s up to 10ms, automatically				
Indications	3½-digit display for voltage, current and power				
Noise emission	LpA < 70db (A)				
Mains connection	230V, +5/-10 %, 50/60Hz, (Option: 200V, L1, L2, PE)		3 x 400V, +5/-10 %, 50/60Hz, (Option: 3 x 200V, only GS 15, GS 20), PE		
Power consumption	0,6kVA	1,2kVA	1,8kVA	2,4kVA	3,6kVA
Fusing	6A	6A	6A (10A)	6A (10A)	10A
High voltage connection	RG 213				
Cooling	Forced air, maximum ambient temperature 40° C				

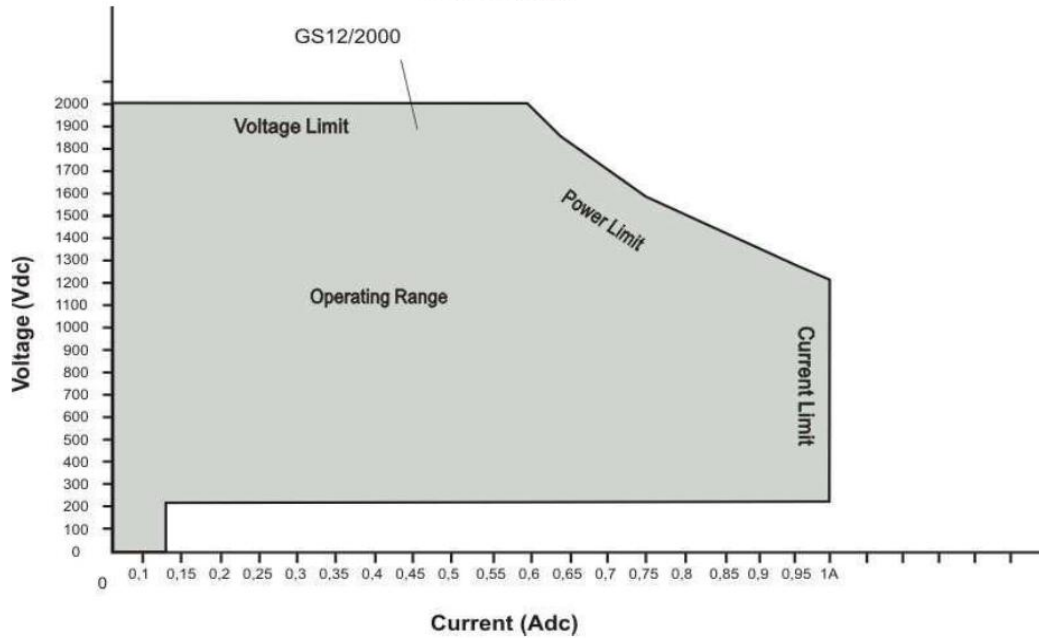
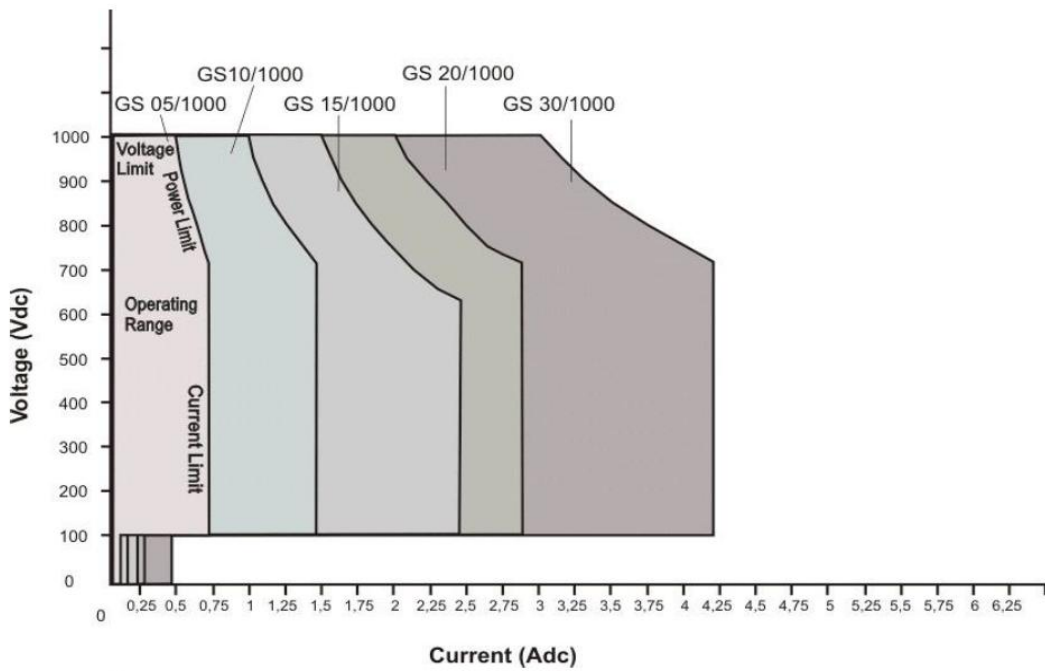
Size	½ 19" slide-in, 3HU (132,5mm), 560mm deep	
Weight	11kg	12kg

	GS 05/1000	GS 10/1000	GS 12/2000	GS 15/1000	GS 20/1000	GS 30/1000
Nominal power	0,5kW	1kW	1,2kW	1,5kW	2kW	3kW
Output voltage	1000V		2000V	1000V		
	Positive Pole grounded					
	Option: Negative Pole grounded			Option: Floating		
Output current	0,7A	1,4A	1A	2,4A	2,8A	4,2A
Control	Current, voltage or power controlled					
Modes of operation	Manual via front panel or external via A/D interface AS 4, AS 4 F or Profibus					
Set point	0 ... 100 % of nominal voltage, current or power					
Output accuracy	+/- 1 % of nominal value for voltage, current and power					
Arc suppression	Quenching time: 6µs up to 3ms, automatically Delay time: 6µs up to 10ms, automatically					
Indications	3½-digit display for voltage, current and power					
Noise emission	LpA < 70db (A)					
Mains connection	230V, +5/-10 %, 50/60Hz, (Option: 200V, L1, L2, PE)			3 x 400V, +5/-10 %, 50/60Hz, (Option: 3 x 200V, only GS 15, GS 20), PE		
Power consumption	0,6kVA	1,2kVA	1,4kVA	1,8kVA	2,4kVA	3,6kVA
Fusing	6A	6A	10A	6A (10A)	6A (10A)	10A

High voltage connection	RG 213	
Cooling	Forced air, maximum ambient temperature 40° C	
Size	½ 19" slide-in, 3HU (132,5mm), 560mm deep	
Weight	11kg	12kg

1.1. Operating ranges GS 05 – GS 30





CAUTION! Safe operation of the power supplies is only possible within the range of the given specifications. Any alteration endangers safety.