

	Unipolar Pulse Generator SD 30	Unipolar Pulse Generator SD 150
Input voltage	Max.800V DC	
Nominal current	6 A	38 A
Nominal power	3 kW (DC Output of power supply)	15 kW (DC Output of power supply)
Pulse frequency	20 kHz, fixed	
Pulse on time	48 μ S	
Pulse off time	2 μ S	
Principle of operation	unipolar	
Arc suppression	Automatic parameter setting	
Input cable	2 x 1.5 mm, type JZ-600-Y-CY	2 x 6 mm ² , type JZ-600-Y-CY
Output cable	2 x 1.5mm (max. 5 m), type JZ-600-Y-CY	2 x 6 mm ² (max. 5 m), type JZ-600-Y-CY
Output inductivity	max. 10 μ H (cabel + cathode)	
Indications	Status LEDs	
Auxiliary voltage	24 V DC +/- 10 %, 1 A	
Cooling	Forced air, maximum ambient temperature 40° C	
Size	167 mm width, 127 mm height, 474 mm length	
Weight	10 kg	
Compatible with the following power supplies:	GS 10 to GS 30 (except all versions over 800 V)	GS 60 to GS 150, GX 50 to GX 150 (except all versions over 800 V or over 38 A)

	Unipolar Pulse Generator SD 300
Input voltage	Maximum 800 V DC
Nominal current	70 A
Nominal power	30 kW (DC Output of power supply)
Pulse frequency	20 kHz, fixed
Pulse on time	48 μ S
Pulse off time	2 μ S
Principle of operation	unipolar
Arc suppression	Automatic parameter setting
Input cable	2 x 16 mm ² , type JZ-600-Y-CY
Output cable	2 x 16mm ² (max. 5 m) , type JZ-600-Y-CY
Maximum cable length	5 m (between pulse generator and cathode)
Output inductivity	Max. 10 μ H (cable + cathode)
Indications	Status LEDs
Auxiliary voltage	24 V DC +/- 10 %, 1.2 A
Cooling	Forced air, maximum ambient temperature 40° C
Size	218 mm width, 130 mm height, 645 mm length
Weight	18 kg
Compatible with the following power supplies:	GSW 100 to GSW 300 HX 150 to HX 300 (except all versions over 800 V or over 70 A)