To minimize harmonic input distortion GPD505/506/PC5 models 0.4kW - 15kW (for both 200V and 400V) are available with DC reactor as option.GPD505/506/PC5 models 18.5kW - 75kW (200V class) and 18.5 - 160kW (400V class) come equipped with built-in DC reactor.When 12-pulse input is utilized on GPD505/506/PC5 models, a transformer with a dual star-delta secondary is required for the input power supply.

The 12-pulse option can improve current distortion by 76% over a standard inverter.

No.	Functions	Harmonic current distortion
1	standard	88 %
	(direct to network supply)	
2	with AC reactor	39 %
3	with DC reactor	32 %
4	with 12-pulse input	12 %
5	with PWM transistor converter	3 %
6	with transformer	41 %