

Innomotics Power Rectifier PR150

High efficiency. Low footprint.

Technical overview

Max. rated grid voltage	1700 V	Max. altitude (>1000 m: current derating)	2000 m
Max. rated DC voltage	2140 V	Ambient temperature	+5-40 °C
Max. rated DC current	5500 A (single) 11000 A (double)	Relative humidity	5-85% (condensation not permissible)
Grid frequency	50/60 Hz	Cooling	air cooled
Efficiency	99.5%	Surge protection device	surge protection outside rectifier
Degree of protection	IP21	Standard	IEC 62477-1 (if supply voltage < 1000 VAC) IEC 62477-2 (if supply voltage > 1000 VAC) IEC 60146-1-1 IEC 61600 (EMC) IEEE 519 (Harmonic currents) Relevant CSA standards, other standards (UL, CSA, UKCA etc.) available on request
Cabinet height	2676 mm	EU directives	EU Machine directive 2006/42/EG EU EMC directive 2014/30/EU
Cabinet width	900 mm (single) 1800 mm (double /12-pulse)	CE marking	According to EU low voltage directive (if supply voltage <= 1000 VAC)
Cabinet depth	1250 mm	Ambient conditions	IEC 60721-3-1/2/3
Weight	1000 kg (single) 2000 kg (double / 12 pulse)		
Air flow	1.6 m ³ /s (single) 3.2 m ³ /s (double/ 12- pulse)		
Max. losses	25 kW (single) 50 kW (double)		