

HYPERION-S-DATASHEET

Parameter	HYPERION-S
Incident pulse width	150fs - 1ps
Incident pulse energy	5 - 20μJ
Incident laser central wavelength	1030 ± 10nm
Maximum compatible power	80W
Typical compression ratio	5 - 10
Compressor efficiency	>80%
Typical output pulse width	<50fs
Compatibility	Can be cascaded with HCF system to output few-cycle pulses
Dimensions (L×W×H)	425.5 x 268 x 146 mm
Weight (kg)	18.3kg
Remaining weight (kg)	24kg (Water-cooled machine)
Power supply requirements	AC 220V/10A
Power supply requirements for the water-cooled machine	220V/0.6-5.6A/10.2kW (CWUP - 10AI)