

HYPERION-S-DATASHEET

Parameter	HYPERION-S
Incident pulse width	150fs - 1ps
Incident pulse energy	10 - 20 μ J (5 - 10 μ J optional)
Incident laser central wavelength	1036 \pm 5nm
Maximum compatible power	80W
Typical compression ratio	5 - 10
Compressor efficiency	> 85%
Typical output pulse width	< 50fs
Compatibility	Can be cascaded with HCF system to output few-cycle pulses
Dimensions (L×W×H)	425 × 270 × 146mm (L×W×H)
Weight (kg)	19.3kg
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)