

LPS-755-M/1-60J

**LAMP PUMPED
SOLID STATE
LONG PULSED LASER**

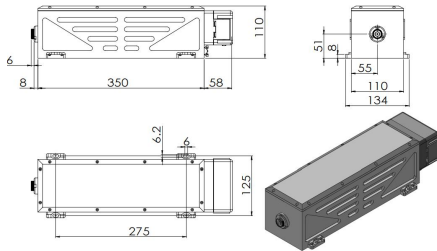
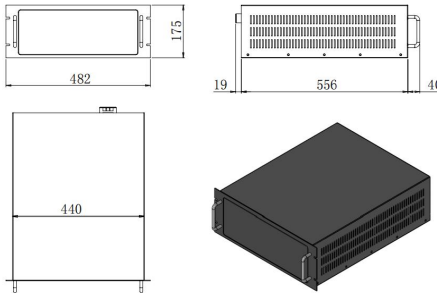
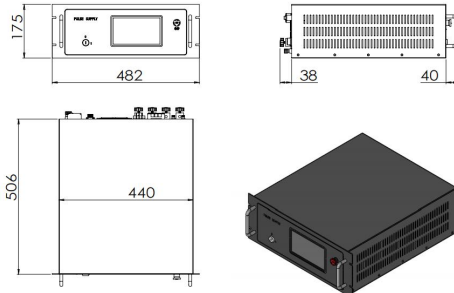
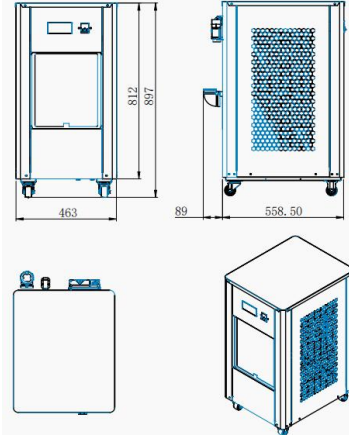
Lamp pumped solid state long pulsed laser at 755nm has the features of high single pulse energy and long pulse duration, which is widely used in hair removal, scientific research, and so on.



SPECIFICATIONS

Wavelength (nm)	755±1	
Operating mode	Actively	
Single pulse energy (J)	1-40@3ms	40-60@5ms
Pulse duration (ms) ¹	3-5	
Rep. rate ²	1Hz	
Energy stability (std dev/mean)	<5%, <3%	
Beam divergence, full angle (mrad)	~20	
Beam diameter (mm)	~7	
Warm-up time (minutes)	<15	
Beam height from base plate (mm)	75	
Cooled method	Water cooled	
Operating temperature (°C)	15-35	
Power supply (110/220VAC)	PSU-LPS-M-I and PSU-LPS-M-II	
Expected lifetime (pulses)	10 ⁶	



LASER HEAD	POWER SUPPLY (PSU-LPS-M-I) ³	POWER SUPPLY (PSU-LPS-M-II) ³	WATER CHILLER (WCH-2700)
 422(L)×134(W)×110(H)mm³ 6kg	 615(L)×482(W)×175(H)mm³ 35kg	 584(L)×482(W)×175(H)mm³ 26kg	 463 (L)×647.5(W)×897(H) mm³, 55kg

1 Pulse width tunable.

2 Both internal trigger and external trigger are acceptable.

3 The PSU-LPS-M-I and PSU-LPS-M-II units must operate as a pair. Both voltage and repetition rate are adjustable via the touch screen.