

Conduction Cooled Vertical Stack Diode Laser

Vsilk 2-1200



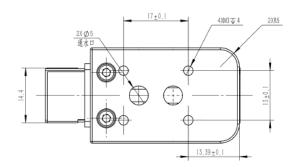
Features

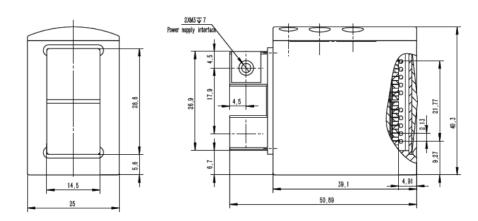
- · High effective energy
- High beam quality
- High reliability
- Small size
- · Light weight

Applications

Hair removal

Product Dimensions (mm)





Remark: The structure drawing is for reference only. Please feel free to contact us for any special requirements.



Product Specifications

Product Code HAR300086-1
Part No. 1 FI -Vsilk2-1200-808

FL-VSIIK2-1200-808
nit Value
nm 808
nm ± 15
W 1200
- 10
nm 2.1
° 5~7
° 12 ~ 14
nm 12 × 24
/°C ~ 0.28
A ≤ 115
A ≤ 25
V ≤ 20
//A ≥ 1.1
% ≥ 50
ms 400
% 30
°C 22 ~ 28
- Distilled water or pure water
nin 3 ~ 4

Part No. = Brand Code - Series - Power - Centroid Wavelength .



² Data at 25°C unless otherwise stated.

³ Reduced lifetime if used above nominal operating conditions.

⁴ At the distance of 32mm from light emitting surface.

 $^{^{5}}$ A non-condensing environment is required for storage and operation below ambient dew level.



Recommended Operation Condition

Vsilk 2-1200 Energy Table													
Energy(J)		Frequency(Hz)										lop	
		1	2	3	4	5	6	7	8	9	10	≈106A	
	10	12	12	12	12	12	12	12	12	12	12	≈91A	
	20	24	24	24	24	24	24	24	24	24	24	≈55A	
	30	36	36	36	36	36	36	36	36	36	36		
	40	48	48	48	48	48	48	48				Water Tempera- ture T=25±3°C Flow Rate: 3~4L/min	
	50	58	58	58	58	58	58						
Pulse	60	60	60	60	60	60							
Width	70	70	70	70	70								
(ms)	80	80	80	80									
	90	90	90										
	100	100											
	200	100											
	300	150											
	400	200											