



**POWERGAUGE
V1**

SIMPLE YET ACCURATE MEASUREMENT

POWERGAUGE V1 DATASHEET

SPECIFICATIONS	
MAX POWER	400W
MAX MEASUREMENT POWER	200W
POWER SENSOR APERTURE	40mm
MEASUREMENT CAPABILITY	
WAVELENGTH	2.5 μm – 10.6 μm
CALIBRATED WAVELENGTH	10.6 μm
MINIMUM POWER	1W
EXPOSURE TIME	15 s, 30 s, 60 s
MEASUREMENT ACCURACY	$\pm 1 \%$
COOLDOWN PERIOD	60 s
DAMAGE THRESHOLD	
MAXIMUM POWER DENSITY	15KW/cm ² (10.6 μm)
FOCUSED BEAM MEASUREMENT	NO
MAX DEVICE TEMPERATURE	80 °C
MAX EXPOSURE TIME	60 s
GENERAL SPECIFICATION	
DISPLAY TYPE	HIGH CONTRAST OLED
DISPLAY SIZE	128X32 px
BACKLIGHT	YES
USB FIRMWARE UPDATE	NO
BATTERY TYPE	LITHIUM POLYMER
BATTERY SIZE	380mAh
BATTERY LIFE	30 HOURS (5,000 MEASUREMENTS)
BATTERY STANDBY	30 YEARS
CHARGING	MICRO USB (30 MIN FULL CHARGE)
OPERATING HUMIDITY	80% RH
PHYSICAL SPECIFICATION	
DIMENSIONS	112mm x 45mm x 15mm
WEIGHT	180g
POWER SENSOR APERTURE	40mm