**FC-W-885H** 65/120/170/250/350W

# HIGH POWER FIBER COUPLING DIODE LASER SYSTEM AT 885nm

The FC-W-885H series (Fiber Coupling Laser System) have integrated laser diode, fiber coupling optics, laser power supply, LD current and temperature control in ONE box. Its compact dimension and convenient functions, such as power adjustment, temperature control, LED display etc, make it very suitable for pumping, scientific research, industrial and medical applications.

**SPECIFICATIONS**

| Model | FC-W-885H | | | FC-W-885H-Water | |
|---|---|---|---|---|---|
| Wavelength (nm) | 885±1 | | | | |
| Operating mode | CW | | | | |
| After fiber output power (W)[1] | 65 | 120 | 170 | 250 (On request) | 350 (On request) |
| Power Stability (rms, 4 hours ± 3°C) | <1%, (<0.5% optional) | | | | |
| Red pilot light | Available on request | | | | |
| Fiber core diameter | 200um,400um,600um optional, 0.22 NA | | | | |
| Fiber connector | SMA905 | HP-SMA905 | | | |
| Fiber length[2] | 2m | | | | |
| Fiber Jacket | PVC | | | | |
| LED display | Diode current | | | | |
| Operating temperature(°C) | 10-35 | | | 20-30 | |
| Modulation option | DC-1kHz, 1kHz-10kHz, 10kHz-30kHz, 30kHz-100kHz optional; TTL and Analog optional | | | | |
| Operating voltage (VAC) | 100-240 | | | | |
| Cooled method | Air cooled | | | Water cooled | |
| Expected lifetime (hours) | >10000 | | | | |






1 Power levels are available in various options.

2 Other lengths are available on request.