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MAKE it HAPPEN



Turnkey Laser Solutions for Power over Fiber

PRODUCTS	MIH VMJ PV cell	Photovoltaic Converter	Laser Source	PoF Smart Monitoring System	PoF Platform	PB Demo Kit
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Photovoltaic Converter / A novel electrical power delivery technology / YCH Series Photovoltaic Power Converter

YCH Series

MH GoPower offers the only photovoltaic power converter (PPC) product line capable of delivering a wide range of power and voltage outputs. Power output levels range from tens of milliwatts to over 3 watts, while output voltage levels are possible from 3 volts to over 30 volts. MHGP's PPC product line operates most efficiently with wavelengths in the range of 900 nm to 1,000 nm.



Functions	YCH-L200	YCH-L240	YCH-L250	YCH-L270	YCH-L300	YCH-H003	YCH-H6424
Component Only (Laser @ 1W)	0.20W	0.25W	0.25W	0.27W	0.30W	2.0W (Laser@8W)	1.8W (Laser@8W)
With Heatsink (Laser @ 3W)	0.60W	0.75W	0.70W	0.80W	0.85W	2.7W (Laser@10W)	2.5W (Laser@10W)
With Water Cooling	X	X	X	X	X	X	10W (Laser@50W)

YCH Series PPC Features:

- High efficiency Si-based MIH[®] VMJ PV cells
- Optimized for 915 nm through 980 nm laser sources
- Low cost, high reliability laser diode wavelengths
- Size, voltage and power customization
- FC / ST / SMA available

YCH Series Product Brief Download

[English](#) | [简体](#)

YCH Series Datasheet Download

- [YCH-L200](#) | [YCH-L240](#) | [YCH-L250](#) | [YCH-L270](#) | [YCH-L300](#) | [YCH-H003](#) | [YCH-H6424](#)
- [YCH-H010](#) | [YCH-H020](#)