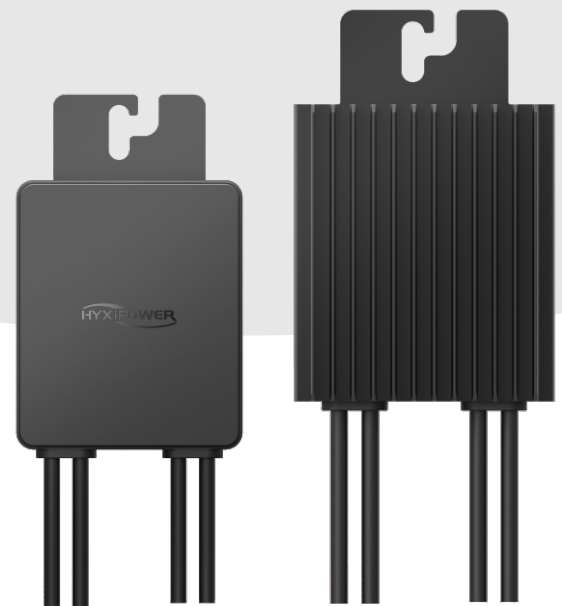


# SMART PV OPTIMIZER

## HYX-OP400/500/600/700

## HYX-OP1100/1300



### Efficient

- 25A high-current design, up to 1300W output
- Compatible with bifacial PV modules, 182mm and 210mm high-power PV modules

### Simple

- Snap-fit quick installation



### Reliable

- Module-level shutdown for enhanced safety

### Intelligent

- Module-level monitoring for precise fault positioning

## Technical Specifications

Product Model	HYX-OP400	HYX-OP500	HYX-OP600	HYX-OP700	HYX-OP1100	HYX-OP1300
Appearance						
<b>Input</b>						
Rated Input DC Power	400W	500W	600W	700W	1,100W	1,300W
Absolute Max. Input Voltage	80V				125V	
MPPT Operating Voltage Range	10 ~ 80V				12.5 ~ 105V	
Max. Short Circuit Current (Isc)	25A				25A	
MPPT Efficiency	99.5%				99.5%	
Weighted Efficiency	99.0%				99.0%	
Overvoltage Category	II				II	
<b>Output</b>						
Max. Output Voltage	80V				80V	
Max. Output Current	20A				22A	
Output Bypass	Yes				Yes	
Shutdown Output Voltage Per Optimizer	1V				1V	
<b>Communication</b>						
Communication Method	PLC				PLC	
<b>General Data</b>						
Dimension (W*H*D)	92*148.5*25mm				96.4*148.5*48mm	
Weight (including cables)	850g				1300g	
Input/Output Connector	Staubli MC4				Staubli MC4	
Input Wire Length	150mm				150mm	
Output Wire Length	1300mm				(+)-5100mm, (-)-150mm	
Operating Temperature Range	-40 to +85°C				-40 to +85°C	
Relative Humidity	0 - 100 %RH				0 - 100 %RH	
Degree of Protection	IP68				IP68	
Installation Part	Frame Mounting Bracket / T-shaped Bolt				Frame Mounting Bracket / T-shaped Bolt	