



## Smart PV Optimizer

### Efficient

Large power (700W), large current (25Isc), perfect match for bifacial, 182 & 210 large power modules

### Reliable

Module-level shutdown to protect installers and firefighters

### Simple

Clip-on quick installation

### Intelligent

Module-level monitoring, efficient and accurate location of fault points



Product Model	HYX-OP700		
<b>Input</b>			
Nominal Input DC Power	700W	Max. Input Voltage	80V
MPPT Operating Voltage Range	10-80V	Max. Input Current	20A
Max. Efficiency	99.50%	Max. Short Circuit Current (Isc)	25A
Overvoltage Category	II	Weighted Efficiency	99.00%
<b>Output</b>			
Max. Output Voltage	80V	Max. Output Current	20A
Output Bypass	Yes	Safety Output Voltage	1V
<b>Standard Compliance</b>			
Safety	IEC62109-1	RoHS	Yes
<b>Communication</b>			
Communication Method	PLC (Two Way)		
<b>General Data</b>			
Dimensions (W*H*D)	80*128*25mm	Weight (including cables)	600g
Input Connector	Staubli MC4	Output Connector	Staubli MC4
Input Wire Length	0.15m	Output Wire Length	1.3m
Operating Temperature	-40 to +85 °C	Humidity Range	0-100 %RH
Degree of Protection	IP68	Max. Allowed System DC Voltage	1500V
Installation Method	· Mounting Structure Installation · PV Panel Frame Installation		

\* Design and specifications are subject to change without notice.

Ver 1.0-202310