

HS4-O-600/800 PV Optimizer

Product Features

- ◆ 3% ~ 25% optimization, retrieve power generation loss;
- ◆ $\Delta < 10\text{ }^{\circ}\text{C}$ Anti-Hotspot, more safe and durable;
- ◆ Applies to all types of modules, Optimization +Voltage Limiting +Anti-Hotspot;
- ◆ Based on power optimization chip, eliminate panel or cell level mismatch;
- ◆ Solve the current mismatch issues caused by shading gradients, aging variations, temperature gradients, soiling gradients, etc;
- ◆ Optimize power generation, lower LCOE, improve solar system reliability, extend the service life of module;
- ◆ CE Certification;



Product Parameter			
Product Model		HS4-O-600	HS4-O-800
input	rated Input Power	600W	800W
	Maximum Input Power	600W	800W
	Maximum Input Voltage	80V	
	MPPT Voltage Range	12~80V	
	Maximum input Current	15A	
	Over-temperature Protection	160 $^{\circ}\text{C}$	
Conversion Efficiency	Peak Conversion Efficiency	99.50%	
	Power Consumption @5A	0.9W	
	Power Consumption @8A	1.4W	
	Power Consumption @12A	2.9W	
	Power Consumption @15A	3.8W	
Specifications	Dimensions(L*W*H)	105*105*22mm	
	Weight	600g	
	Cable	4.0mm ²	
		Input Wire 70cm*2Pcs	
	Output Wire 100cm*2Pcs		
	Connector	MC4 or compatible MC4	
	Operating Temperature Range	-40 $^{\circ}\text{C}$ ~+85 $^{\circ}\text{C}$	
Protection Degree	IP68		
Design Standard	Designed Life	25 Years	
	Quality Commitment	10 Years	
Function	Standard Features	Optimization Anti-Hotspot	

Module Assembly Diagram

