

## HS4-O-800 PV Optimizer

### Features&Benefits:

- ◆ 3% ~ 25% optimization, retrieve power generation loss;
- ◆  $\Delta < 10^{\circ}\text{C}$  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;



CHARACTERISTIC PARAMETERS		
Product Model	HS4-O-800	
input	Maximum Input Power	800W
	operating voltage range	14~65V
	MPPT Voltage Range	14~65V
	Maximum input Current	17A
	Over-temperature Protection	160℃
Conversion Efficiency	Peak Conversion Efficiency	99.2%
	Power Consumption @26V	0.8W
	Power Consumption @36V	1.3W
	Power Consumption @46V	1.8W
Specifications	Dimensions(L*W*H)	107*105*22mm
	Weight	505g
	Cable	4.0mm <sup>2</sup>
	Connector	MC4 or compatible MC4
	Operating Temperature Range	-40℃~+85℃
	Protection Degree	IP68
Design Standard	Designed Life	25 Years
	Quality Commitment	10 Years
Funciom	Standard Features	Optimization  Anti-Hotspot

### Module Assembly Diagram

