

## Hosola Plus Series Power Optimiser



### High Efficiency

- Up to 25% more energy and superior efficiency (99.5%)
- Efficiency step-up and step-down processing modules can flexibly configure PV panel structure
- Mitigates all types of module mismatch losses, from manufacturing tolerance to partial shading

### High Safety Standards

- Module-level voltage shutdown for installer and firefighter safety
- Comprehensive protection functions like protection against overheat
- IP65 design, reliable under harsh weather condition
- 25 years lifetime

### Advanced Communication Technology

- WiFi/RS485 accessible
- Real-time yield monitoring of the optimiser and each panel, alarming in time

### Flexible Installation

- Installation for either newly setup or existed power station, supports multiple installation methods
- Simplifies system design by eliminating power optimiser selection process
- Portable design, fast installation
- Operation with any inverter and no additional hardware or addition of Hosola inverter for added benefits



TÜV SÜD certification,  
Conform the corresponding European standards.

# Hosola Power Optimiser Module Embedded Solution



## Hosola Power Optimiser Technical Data

Safety  
Standards

High  
Quality

High  
Efficiency

Model	Hosola Plus 300	Hosola Plus 350	Hosola Plus 600-D	Hosola Plus 700-D
<b>Input Data</b>				
Max.DC Input Power ( W )	300	350	600	700
Operating Voltage Range ( V )	14 ~ 60	14 ~ 60	14 ~ 60	14 ~ 60
MPPT Voltage Range ( V )	16 ~ 50	16 ~ 50	16 ~ 50	16 ~ 50
Max.DC Current ( A )	10	10	10	10
Short Current ( A )	15	15	15	15
Reverse Connection Protection	Yes	Yes	Yes	Yes
Night Consumption	0	0	0	0
<b>Output Data</b>				
Max.AC Current ( A )	11	11	11	11
Output Voltage Range ( V )	0 ~ 60	0 ~ 60	0 ~ 120	0 ~ 120
System Voltage ( V )	1000	1000	1000	1000
<b>Efficiency</b>				
Max.Efficiency	99.5%	99.5%	99.5%	99.5%
Euro Efficiency	98.5%	98.5%	98.5%	98.5%
CEC Efficiency	98.3%	98.3%	98.3%	98.3%
<b>General Data</b>				
Dimension (W*H*D) ( mm )	115 * 106 * 22	115 * 106 * 22	138 * 120 * 28.2	138 * 120 * 28.2
Weight ( g )	550	550	750	750
Input Connector	MC4	MC4	MC4	MC4
Output Connector	MC4	MC4	MC4	MC4
Operating Temperature Range (°C)	-40 ~ + 85°C	-40 ~ + 85°C	-40 ~ + 85°C	-40 ~ + 85°C
IP Protection Type	IP65	IP65	IP65	IP65
Relative Humidity	0 ~ 100%	0 ~ 100%	0 ~ 100%	0 ~ 100%
<b>Certificates</b>				
EMC	FCC Part15 Class B, IEC61000-6-2, IEC61000-6-3, CSA C22.2 No.107.1-01, UL 1741			
Safety	IEC62109-1 (Class II safety)			
Over Voltage Level	III			
Certificates	CQC / TUV / CSA			
Standard Warranty (years)				