

# MICROINVERTER



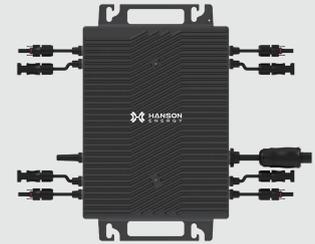
## HSMI-1T1-500

- One PV panel
- IP67
- Safety relay inside
- Suitable for crystalline silicon and thin film PV panel



## HSMI-1T2-1000

- 2 PV panels
- IP67
- Safety relay inside
- Suitable for crystalline silicon and thin film PV panel



## HSMI-1T4-2000

- 4 PV panels
- IP67
- Safety relay inside
- Suitable for crystalline silicon and thin film PV panel

Input Data (DC)			
Recommended Module Power [W]	300 ~ 550	300 ~ 550	300 ~ 550+
Start up Voltage per Input [V]	18	18	18
Mppt Voltage Range per Input [V]	16 ~ 60	16 ~ 60	16 ~ 60
Max. Input Voltage per Input [V]	60	60	60
Max. Input Current per Input [A]	13	13	13
Max. Input Short-circuit Current per Input [A]	20	20	20
Output Data (DC)			
Max. Continuous Output Power [VA]	400	800	2000
Nominal Continuous Output Power [W]	400	800	2000
Nominal Output Current [A]	1.74	3.48	8.7
Max. Output Current [A]	2.48	4.9	12.2
Nominal Output Voltage [V]	220/230/240, L/N/PE	220/230/240, L/N/PE	220/230/240, L/N/PE
Nominal Frequency [Hz]	50/60	50/60	50/60
Power Factor	>0.99 default, 0.8 leading ... 0.8 lagging	>0.99 default, 0.8 leading ... 0.8 lagging	>0.99 default, 0.8 leading ... 0.8 lagging
Output Current Harmonic Distortion	<3%	<3%	<3%
Max. Units Per Branch	18	9	3
Efficiency			
CEC Weighted Efficiency	95.50%	95.50%	95.50%
EU Efficiency	95.30%	95.30%	95.30%
Mppt	99.90%	99.90%	99.90%
Night Time Power Consumption [mW]	<50	<50	<50
Mechanical Data			
Dimensions (W*H*D mm)	178*153*28	250*170*28	280*176*33
Weight [kg]	1.8	2	3.75