

micro+

SINGLE PHASE 2MPPTS
600-800W

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HIMS



INPUT / DC

Recommended PV Module Power Range / W	320-450 (2 pcs)	360-550 (2 pcs)
Max. Input Voltage / V	60	
MPP Voltage Range / V	16	
Start Up Voltage / V	25-55	
Max. Input Current / A	15/15	
Max. DC Short Circuit Current / A	20/20	

OUTPUT / AC

Rated Power / W	600	800
Rated Grid Voltage / Vac	220/230/240	
Grid Connection	L-N-PE	
Rated Power Frequency / Hz	50/60	
Max. Output Current / A	2.7	3.6
Power Factor	>0.99	
THDi @ Rated Power	<3%	
Max. Units per Branch	7	5

EFFICIENCY

Max. Efficiency	96.5%
MPPT Efficiency	>99.9%

PROTECTION FUNCTION

Anti-Islanding Protection	Integrated
Input Reverse Polarity Protection	Integrated
Output Over Current Protection	Integrated
Output Short Circuit Protection	Integrated
Over Voltage Protection	II (DC), III (AC)

GENERAL DATA

Dimensions (W*H*D) / mm	230*190*46.5
Weight / kg	3.0
Noise Emission (Typical) / dB(A)	20
User Interface	LED
DC Connection Type	MC4
AC Connection Type	Plug-in Connector
Communication	WiFi
Cooling Method	Natural Cooling
Operating Ambient Temperature / C°	-40 ~ +65
Relative Humidity	0% to 100%
Max. Operating Altitude / m	3000 (>3000 Derating)
Protection Class (IEC 60529)	IP67
Climatic Category (IEC 60721-3-4)	4K4H
Topology	High Frequency Isolated
Night Consumption / mW	<50