

micro<sup>+</sup>

# HMS

600-800W-C  
SINGLE PHASE 2MPPTS



Maximum 15A  
PV Input Current



60 °C 600W  
Full Load at

50 °C 800W



Protection Class  
IP67

**HYPONTECH**

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### PV INPUT

Recommended Power of PV Modules / W	320-450	320-450
Max. Input Voltage / V	60	60
MPP Voltage Range / V	25-55	25-55
Start Up Voltage / V	16	16
Max. Input Current / A	15/15	15/15
Max. Short Circuit Current / A	20/20	20/20

### AC OUTPUT

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

### EFFICIENCY

Max. Efficiency	96.5%	96.5%
MPPT Efficiency	>99.9%	>99.9%

### PROTECTION FUNCTION

Anti-Islanding Protection	Integrated	Integrated
PV String Input Reverse Polarity Protection	Integrated	Integrated
Output Over Current Protection	Integrated	Integrated
Output Short Circuit Protection	Integrated	Integrated
Over Voltage Protection	Integrated	Integrated
Surge Protection	DC Type II, AC Type III	DC Type II, AC Type III

### GENERAL DATA

Dimensions (W*H*D) / mm	230*190*46.5 (Not include handle)	230*190*46.5 (Not include handle)
Weight / kg	3.4	3.4
Noise Emission (Typical) / dB(A)	20	20
User Interface	LED	LED
PV Connection Type	D4	D4
AC Connection Type	Plug-in Connector	Plug-in Connector
Communication with Cloud	Wi-Fi	Wi-Fi
Cooling Method	Natural Cooling	Natural Cooling
Operating Ambient Temperature / °C	-40 ~ +65	-40 ~ +65
Relative Humidity / %	0 - 100	0 - 100
Max. Operating Altitude / m	3000 (>3000 Derating)	3000 (>3000 Derating)
Protection Class	IP67	IP67
Topology	High Frequency Isolated	High Frequency Isolated
Night Consumption / W	<0.05	<0.05