

Model No.	IH400L / M	IH700L / M	IH1000L / M	IH1500L / M	IH2000L / M
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## DC Input

Nominal voltage (VDC)	12 / 24				
Voltage range (VDC)	10.5 ~ 16.0 / 21.0 ~ 32.0				
Input under - voltage protection (VDC)	10.0 ± 0.5 / 20.0 ± 1.0				
Input over - voltage protection (VDC)	16.5 ± 0.5 / 33 ± 1.0				
No load current	≤ 0.5A	≤ 1A	≤ 1A	≤ 1.1A	≤ 1.3A
Power saving mode	N / A			≤ 0.3A	
Current when power off	≤ 3mA				

## AC Output

Continuous output power @ 35°C (W)	400	700	1000	1500	2000
Maximum output power (1min) (W)	440 ± 5%	770 ± 5%	1150 ± 5%	1600 ± 4%	2150 ± 2%
Output voltage	230VAC ± 5%				
Output frequency	50 / 60 ± 0.5Hz				
Output waveform	Pure sine wave				
Total harmonic distortion	< 3% @ nominal load				
Short circuit protection	< 5s, auto - restart				
Efficiency (max)	90%				

## By-Pass Output

Nominal voltage	N / A		230VAC		
Voltage range	N / A		170-260VAC		
Max output current	N / A		30A		
Transfer time	N / A		<30ms		

## DC Output

Output voltage	N / A	5 ± 0.25VDC			
Maximum output current	N / A	2A			

## Protection

Input protection	over / under voltage protection, reverse polarity (internal fuse)				
AC output protection	over load, short circuit				
Others	over temperature				

## Other Data

AC output connector	sockets / WAGO terminal				
DC output connector	N / A	USB socket x 1			
Communication	N / A	RS485			
Enclosure	aluminum with anodized, flame proof plastic				
Dimension (mm) (max)	222 x 166 x 64	313 x 187 x 96		403 x 256 x 99	
Net weight (kg)	1.2	1.7	2.4	4.6	4.8
Cooling	temperature and load controlled fan				
Noise	< 55dB				
Protection	IP20				

## Safety & EMC

Safety	EN62477-1				
EMC	EN61000-6-1; EN61000-6-3				
E - mark	E4-10R05-01-4418; E4-10R05-01-4419				

## Environment

Operating ambient temperature	- 20°C ~ 40°C				
Storage temperature range	- 30°C ~ 70°C				
Storage humidity	10% ~ 95% RH				