

Semi-Custom Power Supply

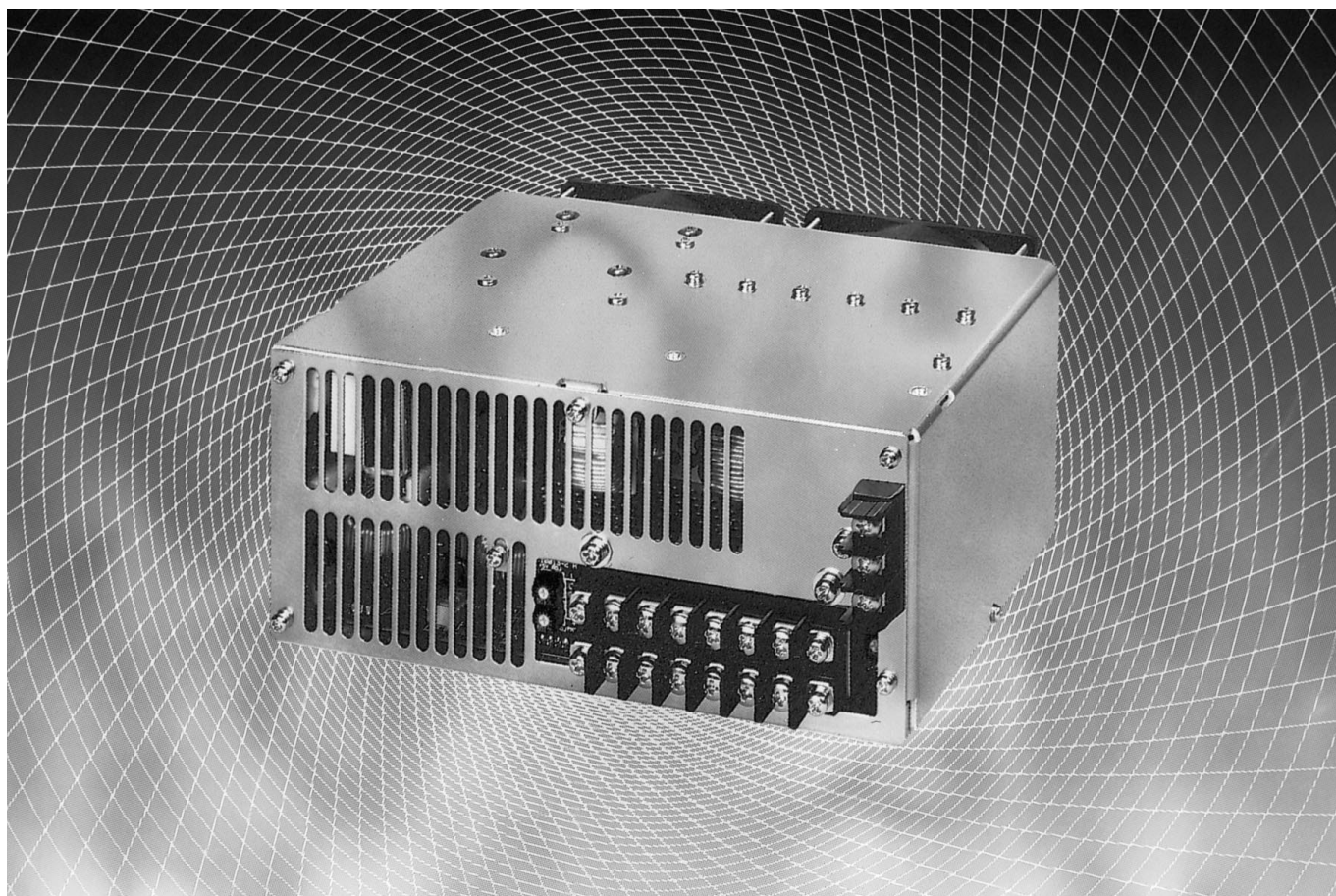
HWM Series

Features (configuration)

- (1) HWM Series power supplies are available in 300 W, 600 W, and 900 W types.
- (2) Each type (300 W, 600 W, and 900 W) comes in one standard size enclosure.
- (3) Output stages are comprised of 100 W DC/DC converters, which may be configured on the motherboard to operate separately or in parallel.
- (4) Output voltage may be set to 5 V, 12 V, 15 V, or 24 V. Each output terminal may be isolated.
- (5) Modules may be combined and configured to provide up to 900 W and 9 channels.

Features (other)

- (1) High quality design for long life, high reliability, and use in industrial applications.
- (2) Wide input voltage range, from 85 V AC to 264 V AC, with no manual selection required.
- (3) Power Factor Correction circuit minimize input current and control harmonics.
- (4) Small form factor.





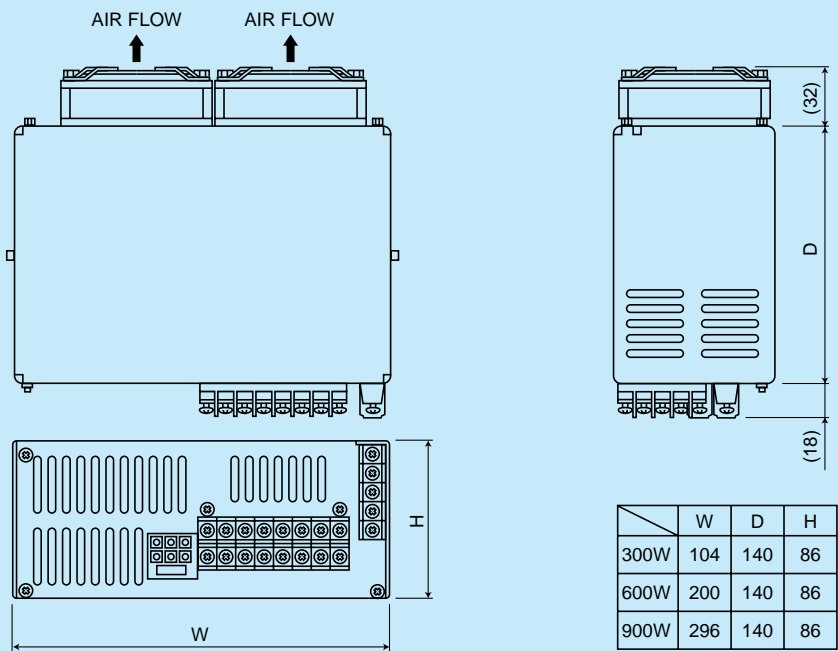
Specifications (preliminary)

Item	Rating			
Rated Input Voltage	85 to 264 V AC (single-phase)			
Power Factor (under rated input/output conditions)	0.95			
Total Output Capacity and Number of Output Channels	300 W type: up to 3 outputs, 300 W maximum 600 W type: up to 6 outputs, 600 W maximum 900 W type: up to 9 outputs, 900 W maximum			
D/D Module Output Voltage and Output Capacity (see Note 1)	+5V 100W	+12V 100W	+15V 100W	+24V 100W
Remote On/Off	Provided			
Remote Sensing	Provided			
Operating Temperature	0 to 50°C			
Vibration Resistance	3 G			
Cooling Requirements	Forced air cooling with internal fan			
Safety Standards	Designed to meet UL, CSA, TUV			
EMI Standards	Designed to meet FCC Class A, VDE Class A			
Size (dimensions in mm)	300 W type: 104 x 86 x 140 (W x D x H) (excluding input/output terminals and fan) 600 W type: 200 x 86 x 140 (W x D x H) (excluding input/output terminals and fan) 900 W type: 296 x 86 x 140 (W x D x H) (excluding input/output terminals and fan)			

Note 1: Custom design is available for output voltages other than the values listed in the table above.

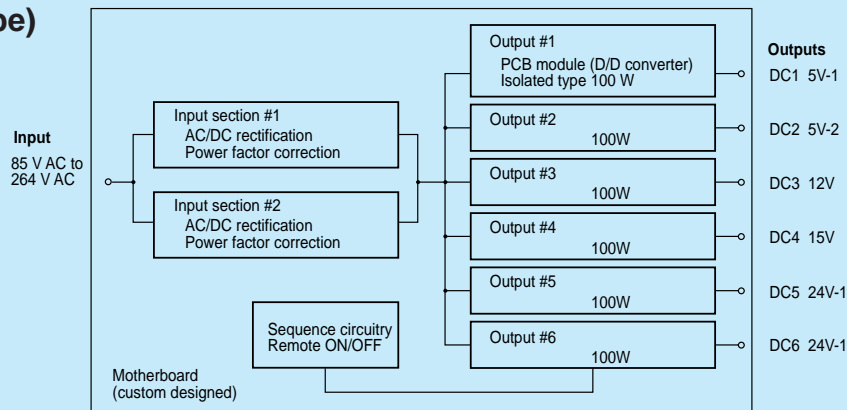


External View (dimensions in mm)



Configuration and output specification examples

Example 1 (600 W type)



Example 2 (600 W type)

