



DC Power Module – PWD9D HS300-1050

Input power	9 – 36 V DC
Max. power	50 W typical
Functions	EMI filter, galvanic isolation
Connector	1 x 2 pin LEMO DC in, 2 x 9 pin LEMO (Link)
On / off switch	yes
LED indicators	for power on
Dimensions	48.1 x 184 x 124.5 mm (w x h x d) including fixing system
Weight	940 g typical
Cooling	conduction cooled

Environmental specifications

Vibration	5 g
Shock	10 g
Operating temp.	-30 °C - +65 °C
Storage temp.	-40 °C - +90 °C
Humidity	0 - 93% relative, non-condensing

DC Power Module – PWH9 HS300-1025

Input Power	12 – 36 V DC
Max. Power	96 W typical
Functions	EMI filter, galvanic isolation
Connector	1 x 2 pin LEMO DC in, 2 x 9 pin LEMO (Link)
On / off switch	yes
LED indicators	for power on
Dimensions	70.1 x 184 x 124.5 mm (w x h x d) including fixing system
Weight	1100 g typical
Cooling	fan switchable

Environmental specifications

Vibration	5 g
Shock	10 g
Operating temp.	-30 °C - +65 °C
Storage temp.	-40 °C - +90 °C
Humidity	0 - 93% relative, non-condensing

AC Power Module – PWAC HS300-1035

Input power	90 – 132 V AC or 180 – 264 V AC, 47 – 63 Hz
Max. power	150 W typical
Functions	EMI filter, galvanic isolation
Connector	1 x AC connector, 2 x 9 pin LEMO (Link)
On / off switch	yes
LED indicators	for power on
Dimensions	70.1 x 184 x 124.5 mm (w x h x d) including fixing system
Cooling	fan

Environmental specifications

Vibration	3 g
Shock	5 g
Operating temp.	-10 °C - +45 °C
Storage temp.	-20 °C - +60 °C
Humidity	0 - 93% relative, non-condensing
Safety	EN60950

Notes

It is recommend to add a 10% safety to the required power consumption of the Signal / Link Module configuration.

Technical Specification HEIM DATaRec[®] 4 Power Modules Overview

Applications



Miniature system
Single module system with direct link to the PC via USB 2.0



Distributed data acquisition system
Remotely located modules (up to 768 channels)



Compact system
Centralized acquisition system with up to 768 channels



Distributed multi channel system
Remotely located groups of modules (up to 768 channels)

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