

HD-PAK™ Series DC/DC Converters

300 VDC Input Product Specifications

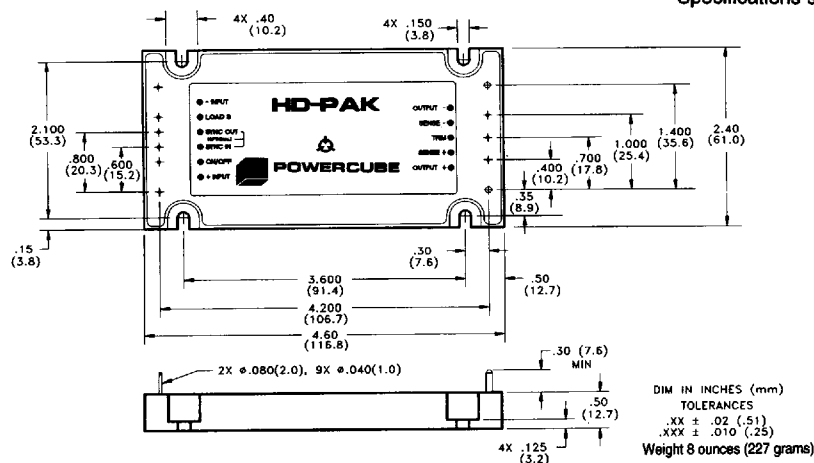
DC Input Range 200-400VDC
DC Output Range: (See tables)
Regulation: (Max) Line 0.15% Load 0.3%
Initial Voltage Setting: (Max) 1%
Trim Range: $\pm 10\%$ (2.6VDC unit $\pm 10/-0\%$)
Isolation: Input to Output - 4242VDC
Input to Case - 3535VDC
Output to Case - 707VDC

DC Output (Continued)
Temperature Coefficient: (Max) 0.01%/°C
Ripple and Noise: (20MHz BW.) Typ: 2%
Transient Response (25% load change) Typ: 450 μ S
Synchronization Range: 300 to 400KHz
(from internal or external source, up or down from F nominal)
Over Temperature Shutdown: 105-115°C

MODEL NUMBER	OUTPUT					
	Voltage	Power -40 to 85°C Max Base	Power -40 to 100°C Max Base	Current -40 to 85°C Max Base	Current -40 to 100°C Max Base	Typical Efficiency
300 HD2.6-104	2.6VDC	104W	78W	40A	30A	70%
300 HD3.3-132	3.3VDC	132W	99W	40A	30A	75%
300 HD5-200	5VDC	200W	150W	40A	30A	80%
300 HD12-300	12VDC	300W	225W	25A	18.8A	84%
300 HD15-300	15VDC	300W	225W	20A	15A	87%
300 HD24-300	24VDC	300W	225W	15.5A	9.4A	88%
300 HD28-300	28VDC	300W	225W	10.7A	8A	90%
300 HD48-300	48VDC	300W	225W	6.25A	4.7A	85%

Mechanical

Specifications subject to change



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