

FEATURES

Electrical

- Efficiency up to 92.5% @ 72Vin
- Ultra wide input range, 16.8~137.5V
14.4V/1s, 200V/1s transient voltage
- Input Brown-out OTP, Input UVLO, Output OCP, OVP
- Reinforce insulation 4242Vdc
- No minimum load required
- Remote ON/OFF
- Pin option for hold up time

Safety & Certificate

- IEC/EN/UL/CSA 62368-1
- IEC/EN/UL/CSA 60950-1
- Meet EN50155 and EN45545-2

1/2
brickwide
input

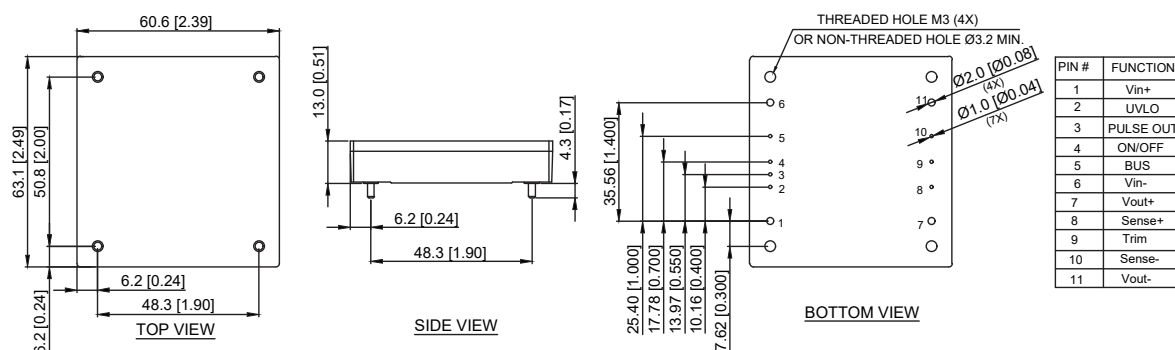
railway



SPECIFICATIONS

Part Number	Input Voltage	Output Voltage	Vo trim range	Output Current	Output Power	Efficiency	Isolation Voltage	Size (LxWxH)
H80SV12008	16.8~137.5V	12V	9.6~13.2V	8.5A	100W	89.0%	4242V	60.6 x 63.1 x 13 mm
H80SV12017	16.8~137.5V	12V	9.6~13.2V	17A	200W	91.0%	4242V	60.6 x 63.1 x 13 mm
H80SV15007	16.8~137.5V	15V	12~16.5V	7A	100W	92.5%	4242V	60.6 x 63.1 x 13 mm
H80SV15013	16.8~137.5V	15V	12~16.5V	13.5A	200W	91.5%	4242V	60.6 x 63.1 x 13 mm
H80SV24004	16.8~137.5V	24V	19.2~26.4V	4.2A	100W	88.0%	4242V	60.6 x 63.1 x 13 mm
H80SV24008	16.8~137.5V	24V	19.2~26.4V	8.5A	200W	88.0%	4242V	60.6 x 63.1 x 13 mm
H80SV48002	16.8~137.5V	48V	38.4~52.8V	2.1A	100W	90.0%	4242V	60.6 x 63.1 x 13 mm
H80SV48004	16.8~137.5V	48V	38.4~52.8V	4.2A	200W	90.0%	4242V	60.6 x 63.1 x 13 mm
H80SV54002	16.8~137.5V	54V	43.2~59.4V	1.9A	100W	90.0%	4242V	60.6 x 63.1 x 13 mm
H80SV54004	16.8~137.5V	54V	43.2~59.4V	3.8A	200W	90.6%	4242V	60.6 x 63.1 x 13 mm

MECHANICAL DRAWING



PART NUMBERING SYSTEM

H	80	S	V	120	08	P	R	F	S
Form Factor	Input Voltage	Number of Outputs	Product Series	Output Voltage	Output Current	ON/OFF Logic	Pin Length Pin Type	RoHS	Option Code
H - 1/2 Brick	80 - 16.8~137.5V	S - Single	V - Family Name	120 - 12V 150 - 15V 240 - 24V 480 - 48V 540 - 54V	02 - 2A 04 - 4A 07 - 7A 08 - 8A 13 - 13A 17 - 17A	N - Negative P - Positive	R - 0.170"	F - RoHS 6/6 (Lead Free) Space - RoHS5/6	A - unthreaded mounting hole S - with threaded mounting hole (M3*0.5)

Isolated DC-DC Encapsulated Power Module