

3.5 Watt PHV Series



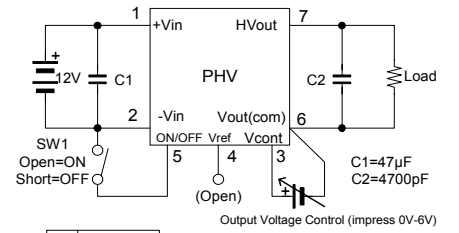
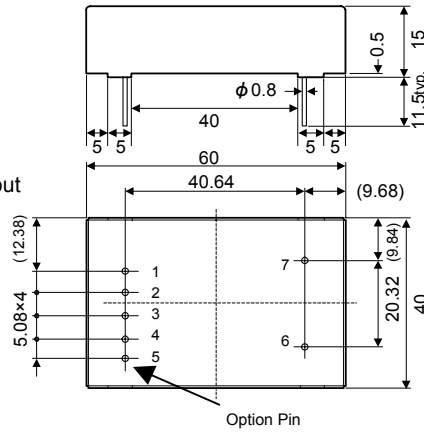
High Voltage DC-DC Converter

Input: 12V Output: 350V

- Low Ripple Noise
- Minimum Size
- Output Voltage 0%-100% Adjustable
- 5-Side Metallic Shield Case
- Remote ON/OFF Control (optional)
- High Reliability, Long-life
- Short Circuit, Over-Current Protection
- Non-Isolated Type Between Input and Output
- Operating Temp Range -10°C to +50°C (Temp Derating Required for 40°C)
- RoHS Compliance

Models 3.5W PHV Series	Input V Vdc	Input I mA (typ.)	Output V Vdc	Output I mA	Line Reg % (typ.)	Ripple/ Noise mVpp(typ.)
PHV12-350S10P	10.8-16.5	430	0 to +350	0-10	0.01	100
PHV12-350S10N			0 to -350			

Note: ON/OFF Control is optional. Please add suffix "R" when placing orders.

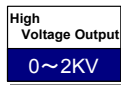


Pin	Function
1	+Vin
2	-Vin
3	Vcont
4	Vref
5	On/Off
6	Vout(Com)
7	HVout

Units: mm
Weight: 72g typ.

- Note! This catalogue is an outline of the products. When designing, be sure to refer to the data sheets.

5 Watt PHV Series



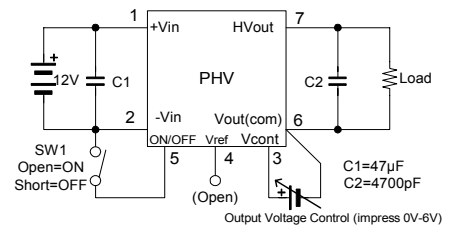
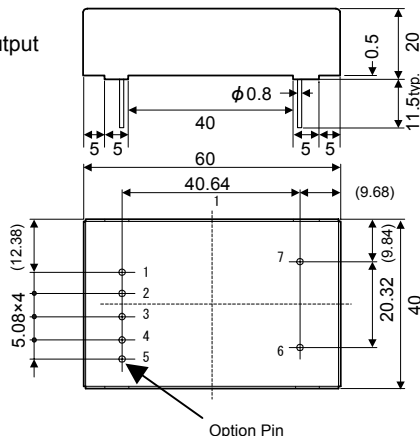
High Voltage DC-DC Converter

Input: 12V Output: 500V, 1000V, 2000V

- Low Ripple Noise
- Minimum Size
- Output Voltage 0%-100% Adjustable
- 5-Side Metallic Case
- Remote ON/OFF Control (optional)
- High Reliability, Long-life
- Short Circuit, Over-Current Protection
- Non-Isolated Type Between Input and Output
- MTBF 380,000Hrs
- Operating Temp Range -10°C to +50°C (Temp Derating Required for 40°C)
- RoHS Compliance

Models 5W PHV Series	Input V Vdc	Input I mA (typ.)	Output V Vdc	Output I mA	Line Reg % (typ.)	Ripple/ Noise mVpp(typ.)
PHV12-0.5K1000P	10.8-16.5	580	0 to +500	0-10	0.01	60
PHV12-0.5K1000N			0 to -500			
PHV12-1.0K5000P			0 to +1000	0-5		80
PHV12-1.0K5000N			0 to -1000			
PHV12-2.0K2500P			0 to +2000	0-2.5		160
PHV12-2.0K2500N			0 to -2000			

Note: ON/OFF Control is optional. Please add suffix "R" when placing orders.



Pin	Function
1	+Vin
2	-Vin
3	Vcont
4	Vref
5	On/Off
6	Vout(Com)
7	HV out

Units: mm
Weight: 94g typ.

- Note! This catalogue is an outline of the products. When designing, be sure to refer to the data sheets.