

PTH12060W Characteristic Data

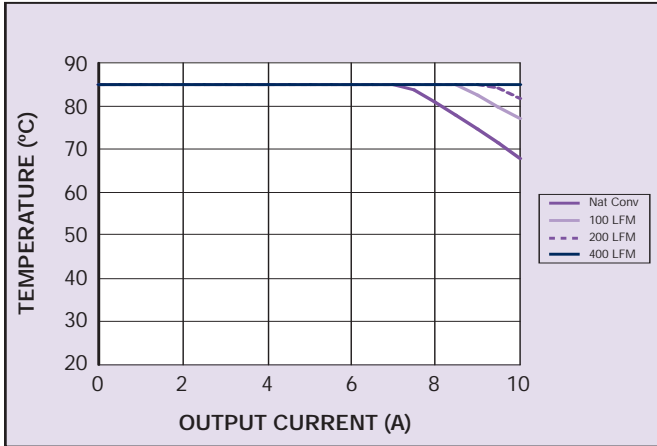


Figure 1 - Safe Operating Area for PTH12060W
Vin = 12 V, Output Voltage = 5 V (See Note A)

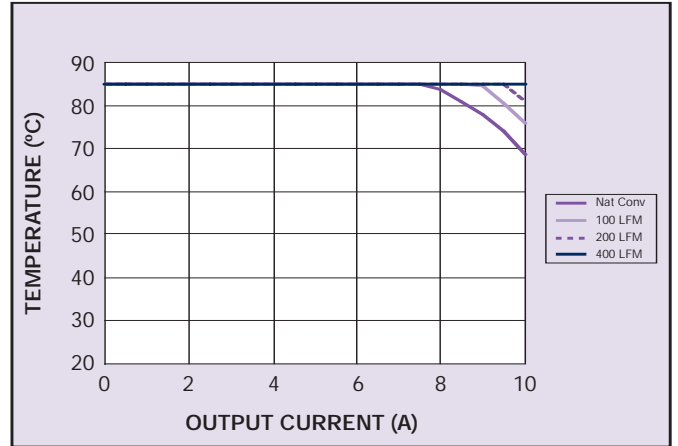


Figure 2 - Safe Operating Area for PTH12060W
Vin = 12 V, Output Voltage = 3.3 V (See Note A)

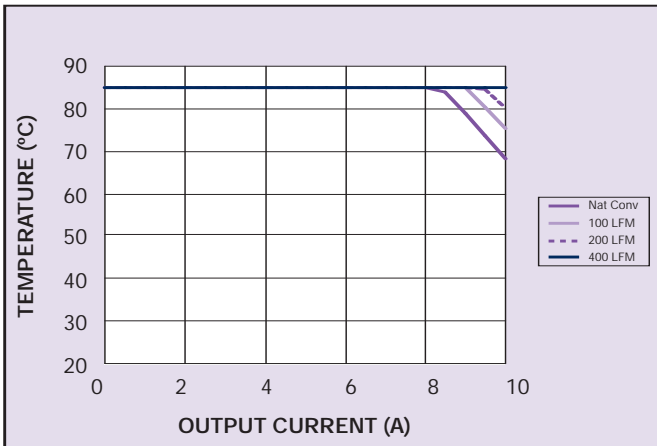


Figure 3 - Safe Operating Area for PTH12060W
Vin = 12 V, Output Voltage = 1.8 V (See Note A)

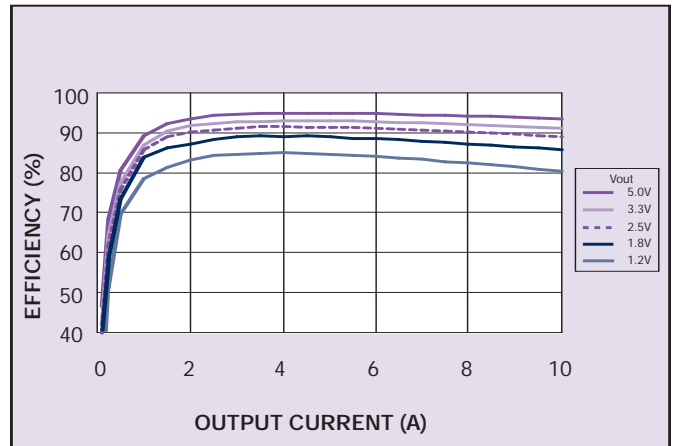


Figure 4 - Efficiency vs Load Current for PTH12060W
Vin = 12 V (See Note B)

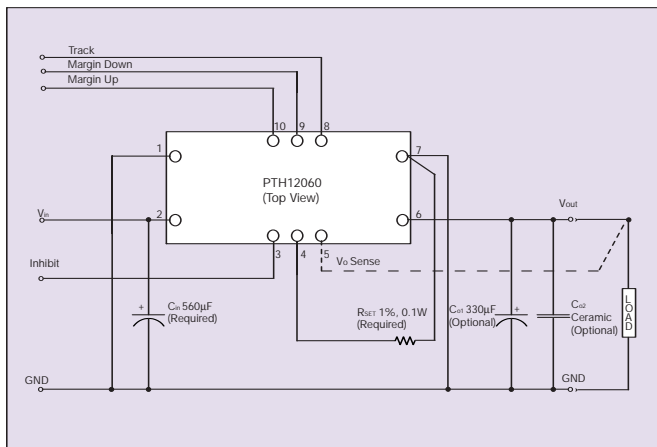


Figure 5 - Standard Application - All Models

Notes

- A SOA curves represent the conditions at which internal components are within the Artesyn derating guidelines.
- B Characteristic data has been developed from actual products tested at 25 °C. This data is considered typical data for the converter.

PTH12060L Characteristic Data

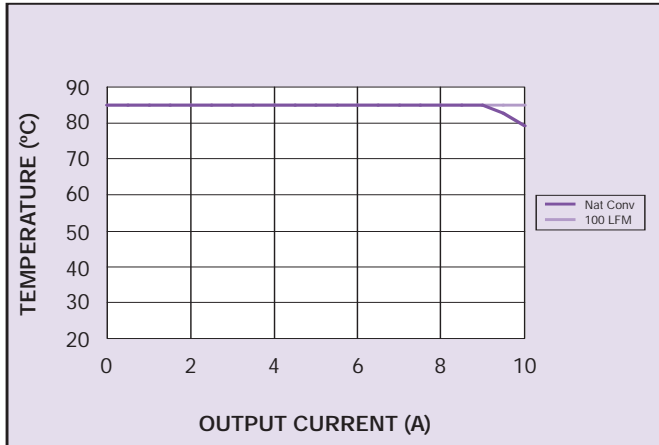


Figure 6 - Safe Operating Area for PTH12060L
Vin = 12 V, Output Voltage = 1.8 V (See Note A)

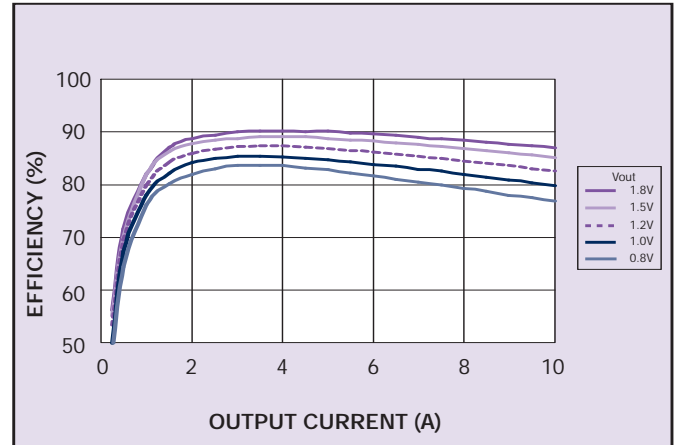


Figure 7 - Efficiency vs Load Current for PTH12060L
Vin = 12 V (See Note B)

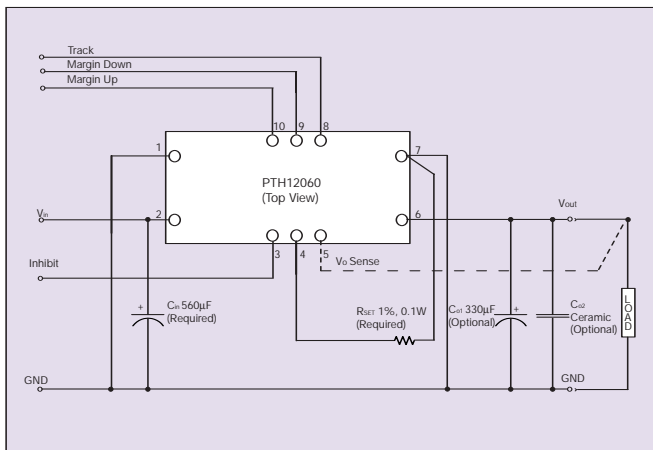


Figure 8 - Standard Application - All Models

Notes

- A SOA curves represent the conditions at which internal components are within the Artesyn derating guidelines.
- B Characteristic data has been developed from actual products tested at 25 °C. This data is considered typical data for the converter.