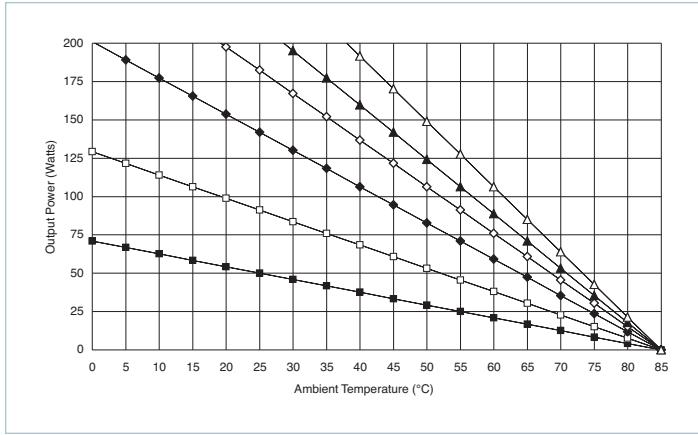


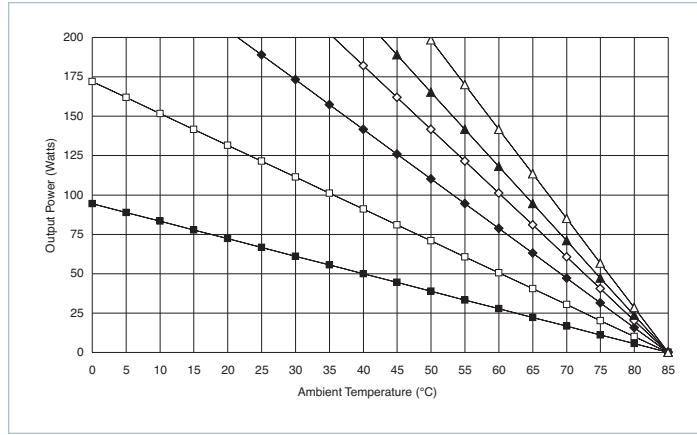
VI-200 Family Thermal Curves

Note: Use as a design guide only. Verify final design by actual temperature measurement.

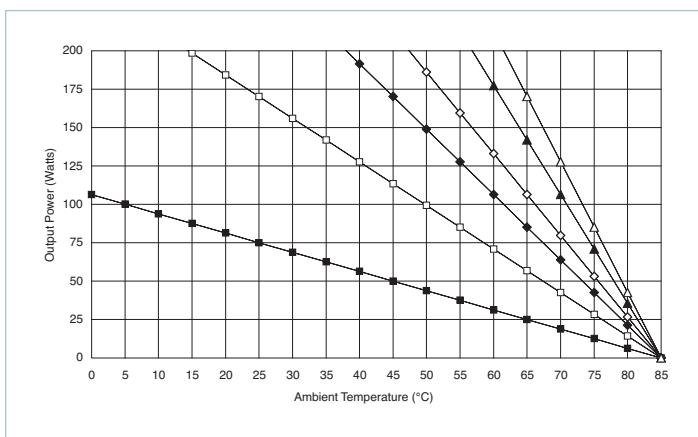
Legend: ■ FREE AIR □ 200 LFM ◆ 400 LFM △ 600 LFM ▲ 800 LFM △ 1000 LFM



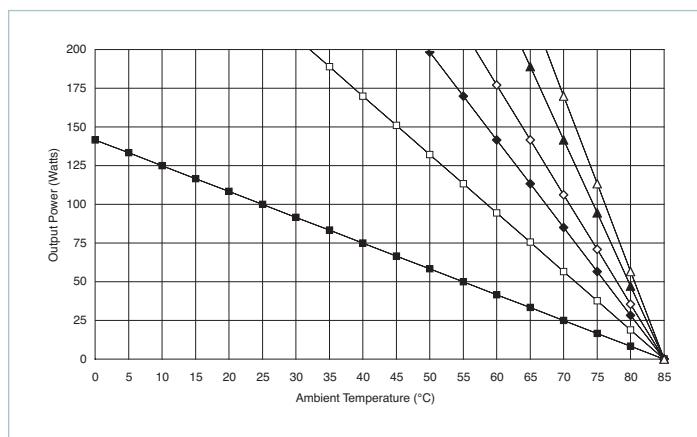
**Figure 21.1 — VI-200 family baseplate-to-air (no heat sink)
5V output**



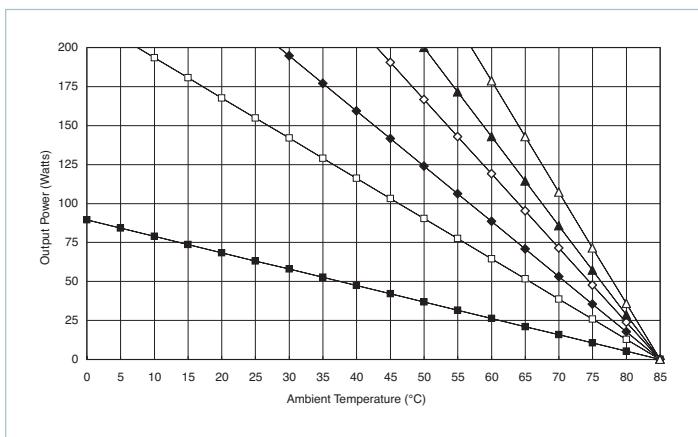
**Figure 21.2 — VI-200 family baseplate-to-air (no heat sink)
12 – 48V output**



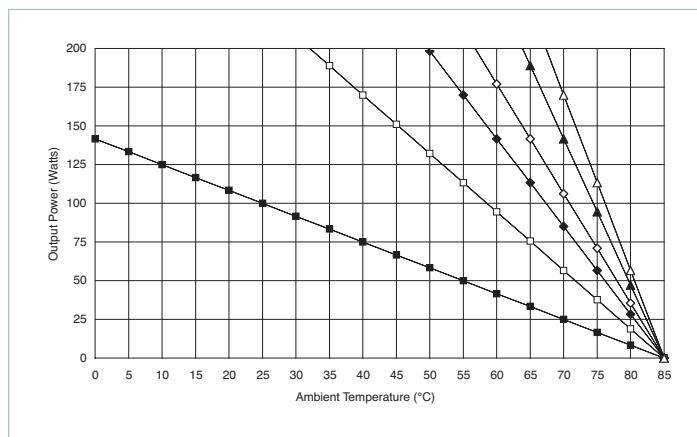
**Figure 21.3 — VI-200 family, part #30089 heat sink
5V output**



**Figure 21.4 — VI-200 family, part #30089 heat sink
12 – 48V output**



**Figure 21.5 — VI-200 family, part #30194 heat sink
5V output**



**Figure 21.6 — VI-200 family, part #30194 heat sink
12 – 48V output**

VI-200 Family Thermal Curves (Cont.)

Note: Use as a design guide only. Verify final design by actual temperature measurement.

Legend: ■ FREE AIR □ 200 LFM ◆ 400 LFM ◇ 600 LFM ▲ 800 LFM △ 1000 LFM

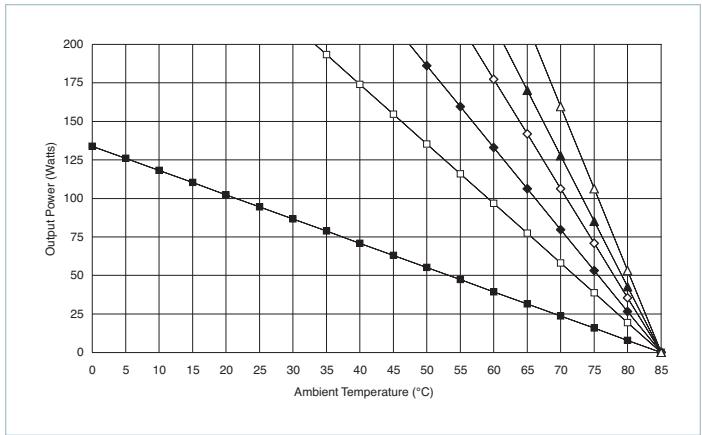


Figure 21.7 — VI-200 family, part #30090 heat sink
5V output

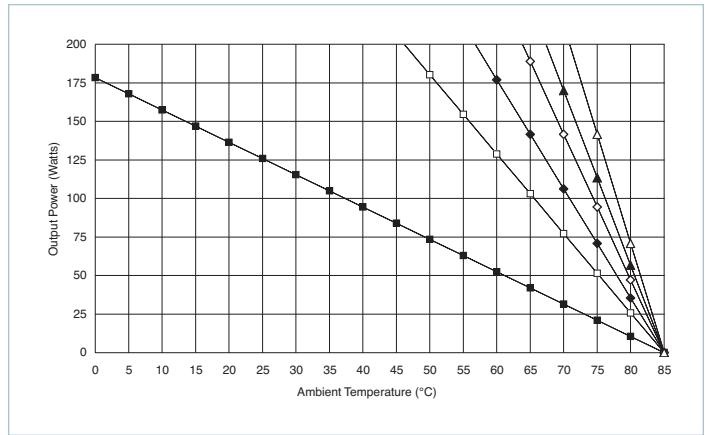


Figure 21.8 — VI-200 family, part #30090 heat sink
12 – 48V output

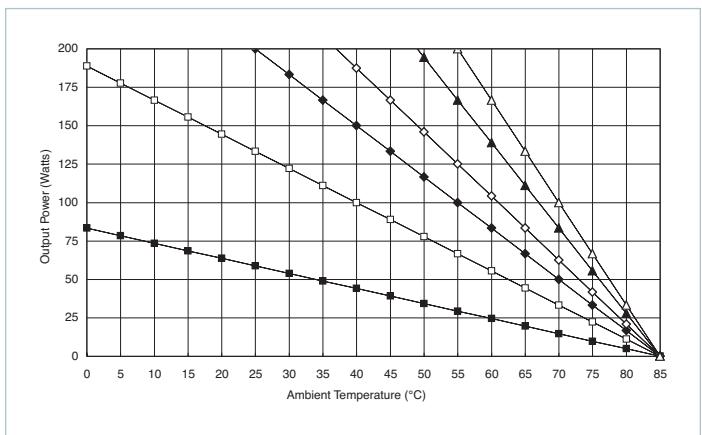


Figure 21.9 — VI-200 family, part #30775 heat sink
5V output

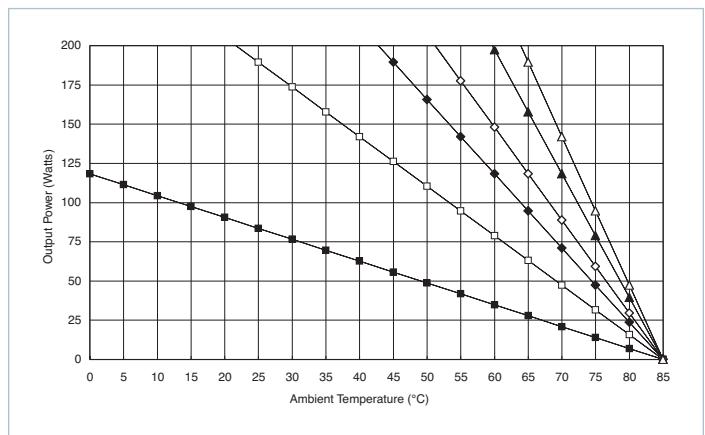


Figure 21.10 — VI-200 family, part #30775 heat sink
12 – 48V output

VI-J00 Family Thermal Curves

Note: Use as a design guide only. Verify final design by actual temperature measurement.

Legend: ■ FREE AIR, H □ FREE AIR, V ◆ 200 LFM ◇ 400 LFM ▲ 600 LFM △ 800 LFM ● 1000 LFM

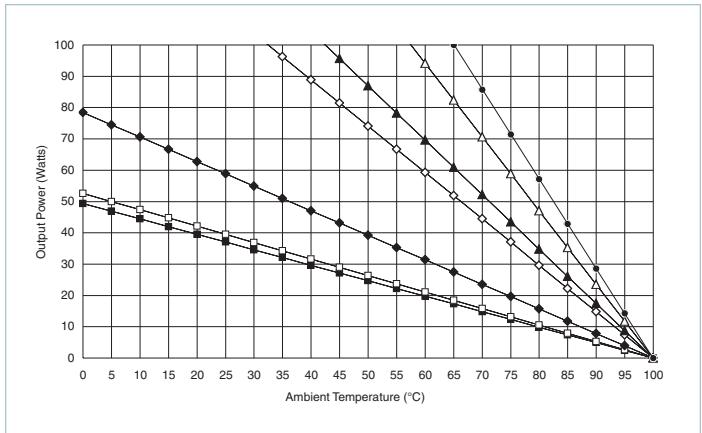


Figure 21.11 — VI-J00 family baseplate-to-air (no heat sink)
5V output

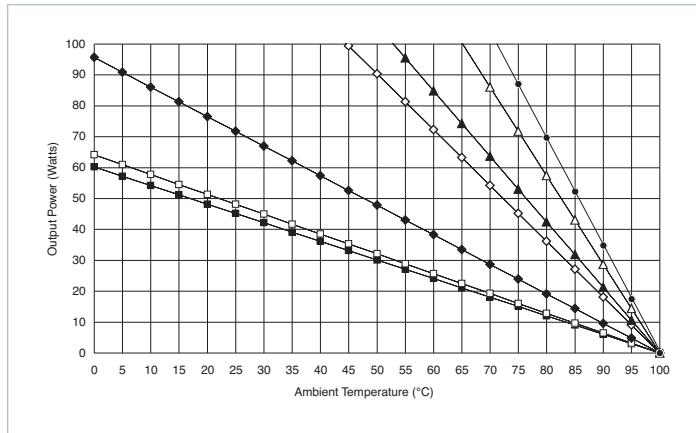


Figure 21.12 — VI-200 family baseplate-to-air (no heat sink)
12 – 48V output

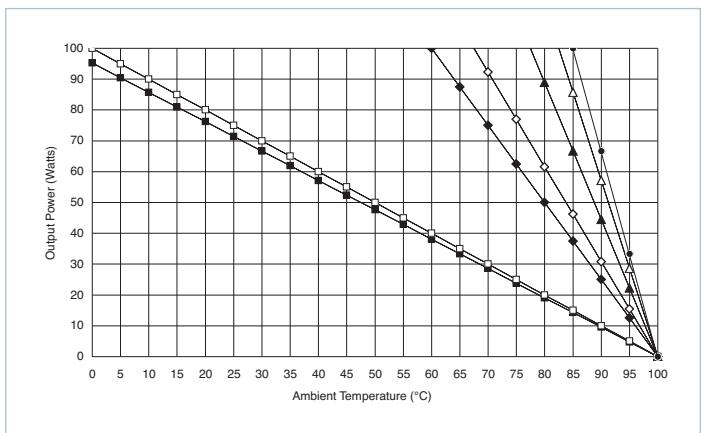


Figure 21.13 — VI-200 family, part #30191 heat sink
5V output

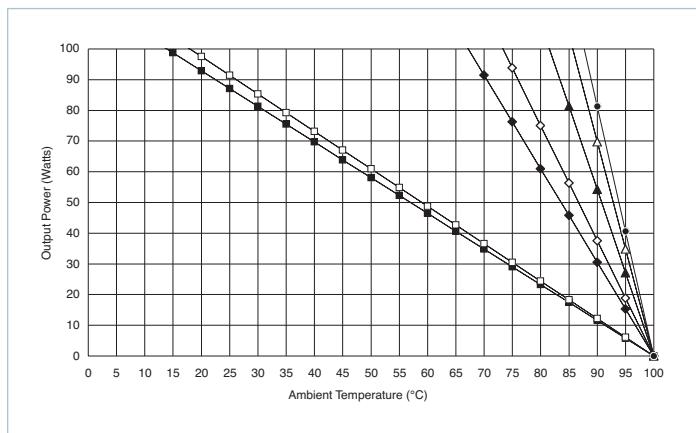


Figure 21.14 — VI-200 family, part #30191 heat sink
12 – 48V output

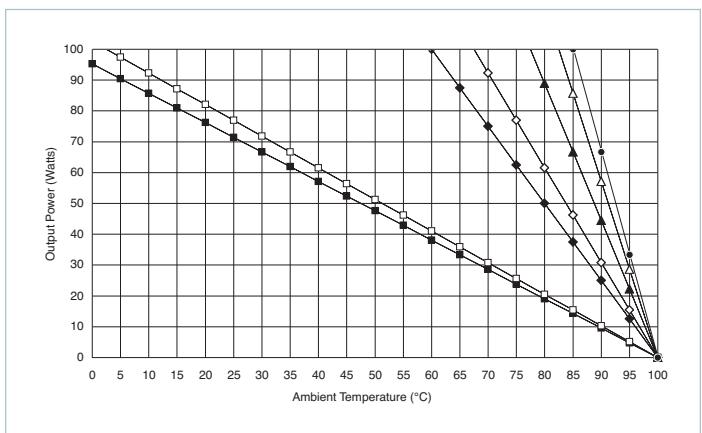


Figure 21.15 — VI-200 family, part #30771 heat sink
5V output

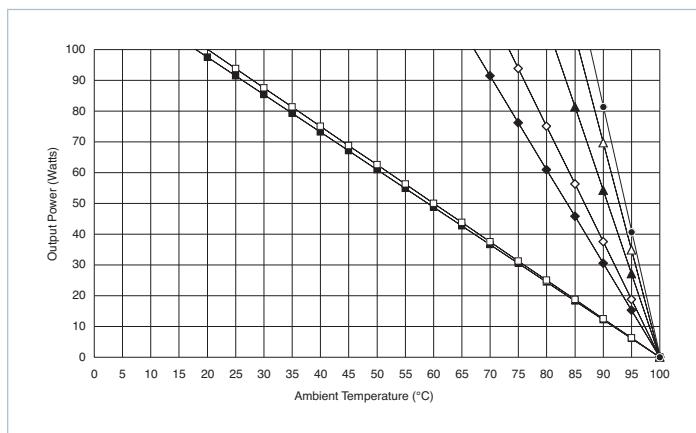


Figure 21.16 — VI-200 family, part #30771 heat sink
12 – 48V output

VI-J00 Family Thermal Curves (Cont.)

Note: Use as a design guide only. Verify final design by actual temperature measurement.

Legend: ■—FREE AIR, H □—FREE AIR, V ◆—200 LFM ◇—400 LFM ▲—600 LFM △—800 LFM ●—1000 LFM

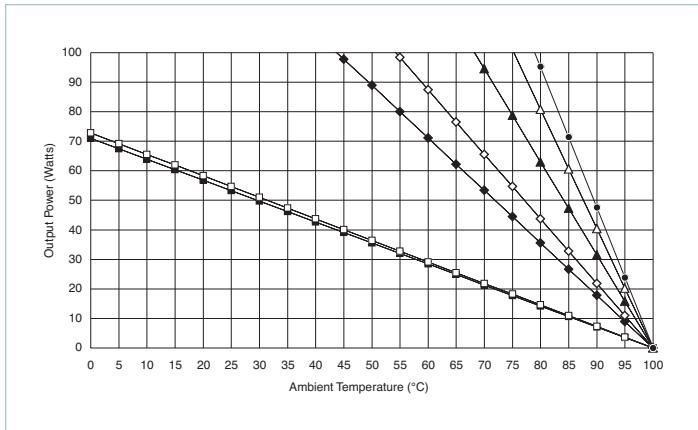


Figure 21.17 — VI-200 family, part #30140 heat sink
5V output

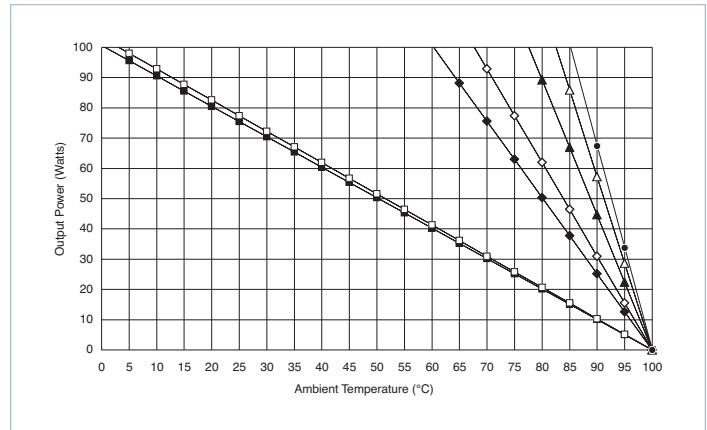


Figure 21.18 — VI-200 family, part #30140 heat sink
12 – 48V output

FinMod™ VI-200 Family Thermal Curves

Note: Use as a design guide only. Verify final design by actual temperature measurement.

Legend: ■ FREE AIR □ 200 LFM ◆ 400 LFM ◇ 600 LFM ▲ 800 LFM △ 1000 LFM

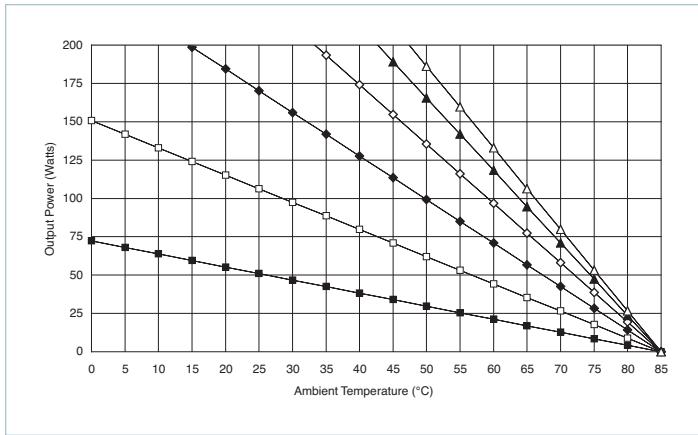


Figure 21.19 — FinMod VI-200 family F1/F3 configuration
5V output

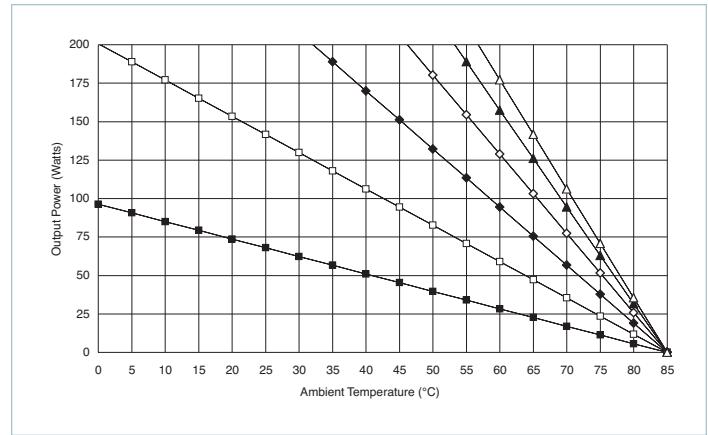


Figure 21.20 — FinMod VI-200 family F1/F3 configuration
12 – 48V output

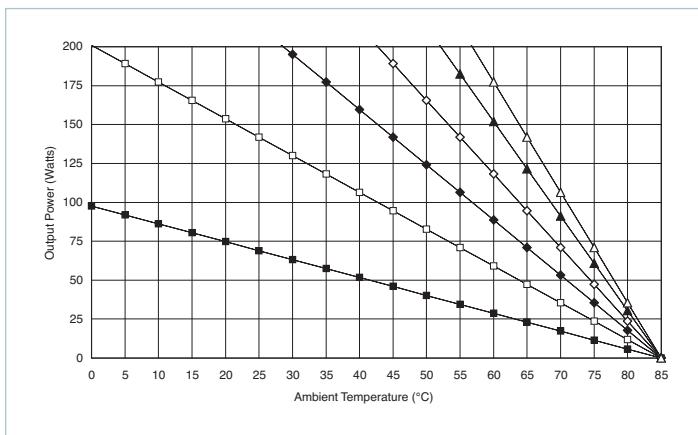


Figure 21.21 — FinMod VI-200 family F2/F4 configuration
5V output

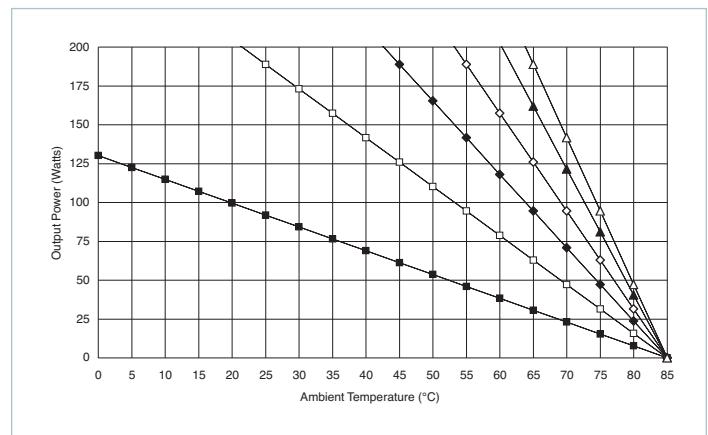


Figure 21.22 — FinMod VI-200 family F2/F4 configuration
12 – 48V output

FinMod™ VI-J00 Family Thermal Curves

Note: Use as a design guide only. Verify final design by actual temperature measurement.

Legend: ■—FREE AIR, H □—FREE AIR, V ◆—200 LFM ◇—400 LFM ▲—600 LFM △—800 LFM ●—1000 LFM

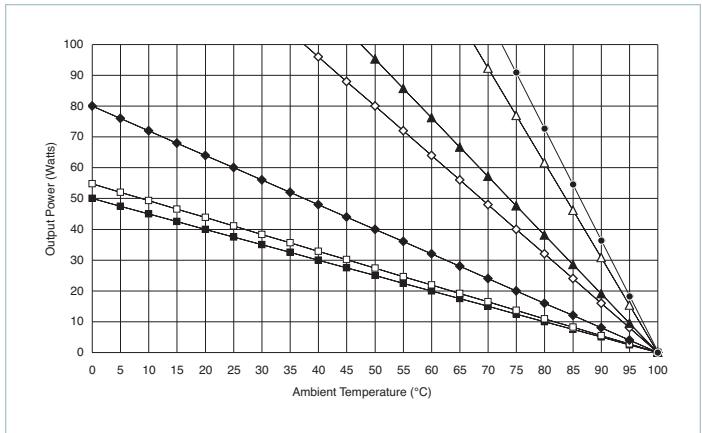


Figure 21.23 — FinMod VI-J00 family F1/F3 configuration
5V output

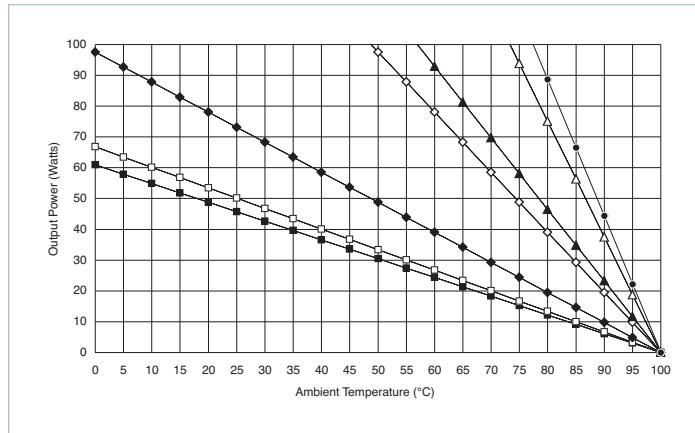


Figure 21.24 — FinMod VI-J00 family F1/F3 configuration
12 – 48V output

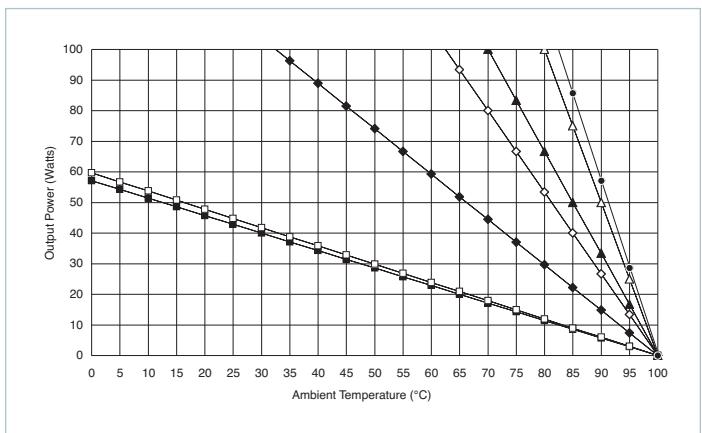


Figure 21.25 — FinMod VI-J00 family F2/F4 configuration
5V output

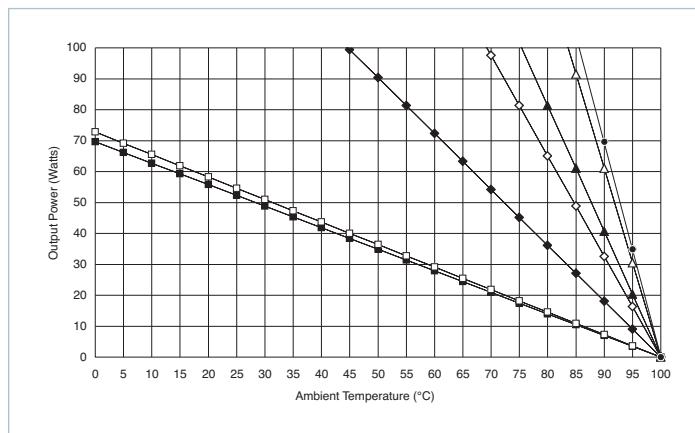


Figure 21.26 — FinMod VI-J00 family F2/F4 configuration
12 – 48V output

SlimMod™ VI-200 Family Thermal Curves

Note: Use as a design guide only. Verify final design by actual temperature measurement.

Legend: ■—FREE AIR □—200 LFM ◆—400 LFM ◇—600 LFM ▲—800 LFM △—1000 LFM

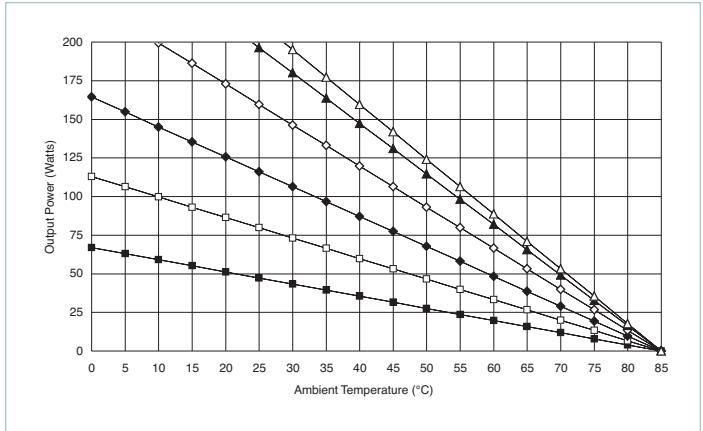


Figure 21.27 — SlimMod VI-200 family 5V output

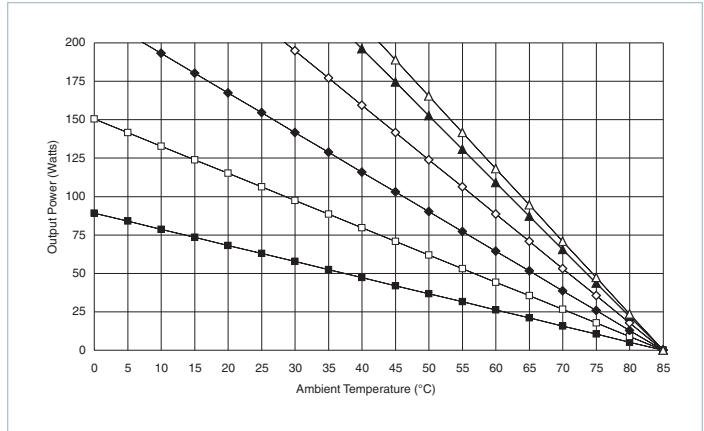


Figure 21.28 — SlimMod VI-200 family 12 – 48V output

SlimMod™ VI-J00 Family Thermal Curves

Note: Use as a design guide only. Verify final design by actual temperature measurement.

Legend: ■—FREE AIR, H □—FREE AIR, V ◆—200 LFM ◇—400 LFM ▲—600 LFM △—800 LFM ●—1000 LFM

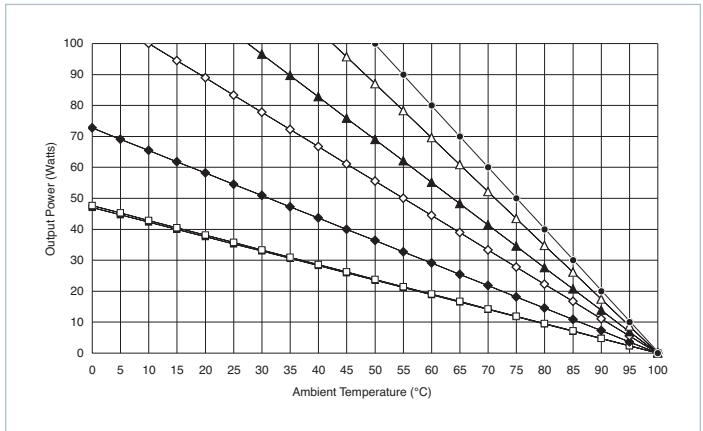


Figure 21.29 — SlimMod VI-J00 family 5V output

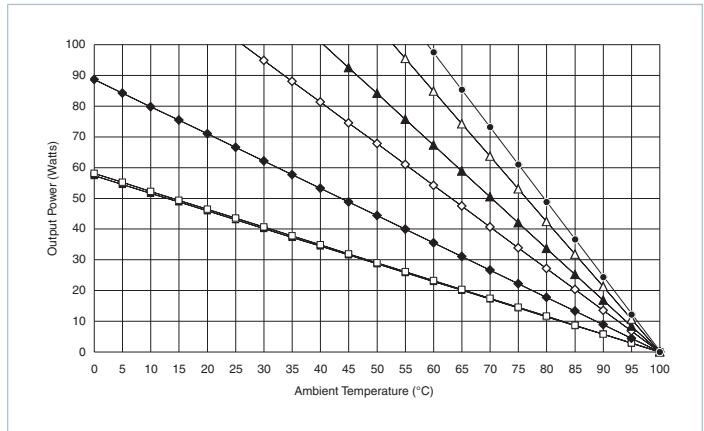
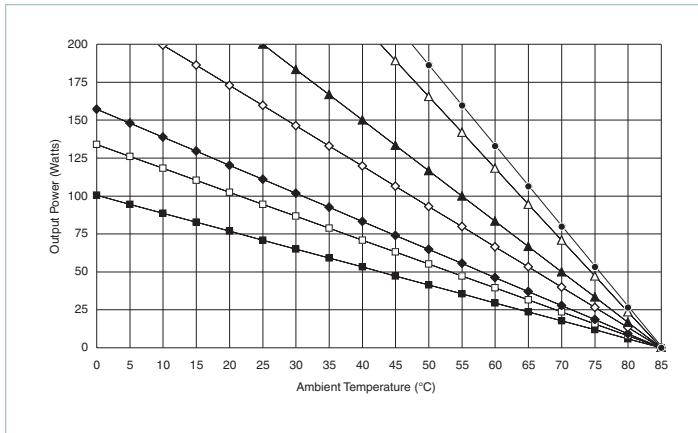


Figure 21.30 — SlimMod VI-J00 family 12 – 48V output

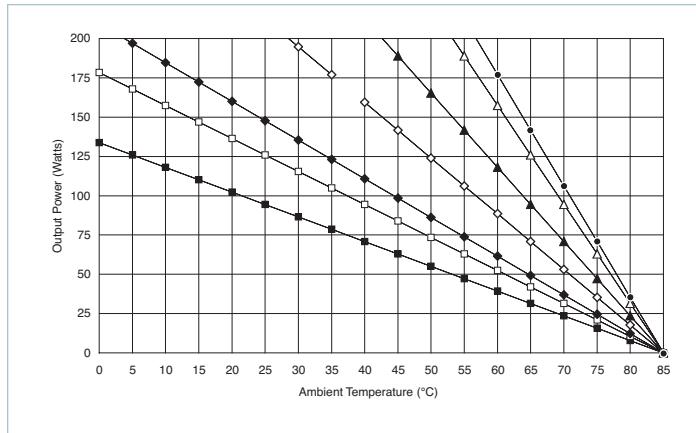
ComPAC™ Family Thermal Curves

Note: Use as a design guide only. Verify final design by actual temperature measurement.

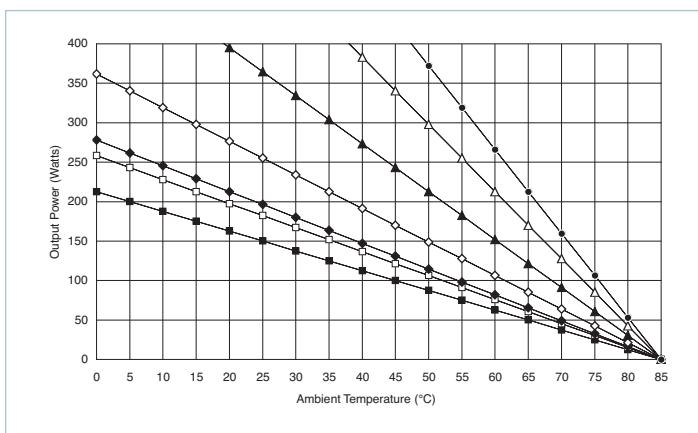
Legend: ■ FREE AIR, H □ FREE AIR, V ◆ 200 LFM ◇ 400 LFM ▲ 600 LFM △ 800 LFM ● 1000 LFM



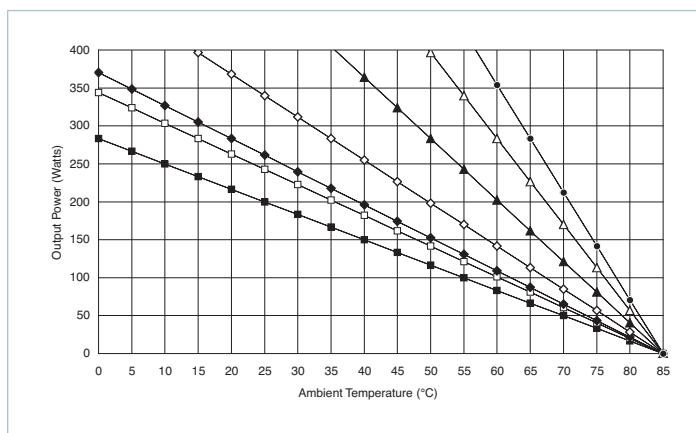
**Figure 21.31 — 1-up ComPAC
5V output**



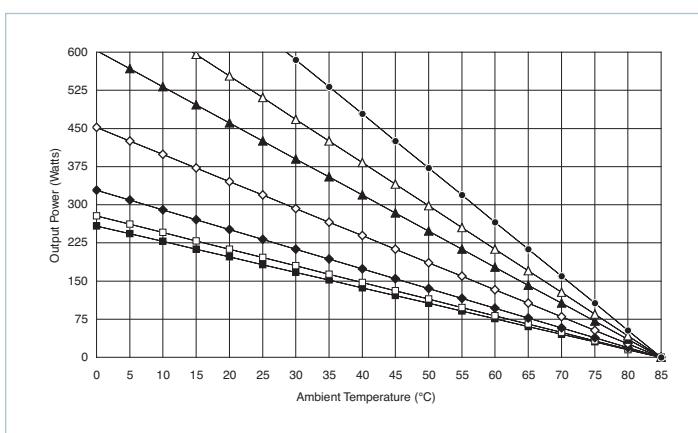
**Figure 21.32 — 1-up ComPAC
12 – 48V output**



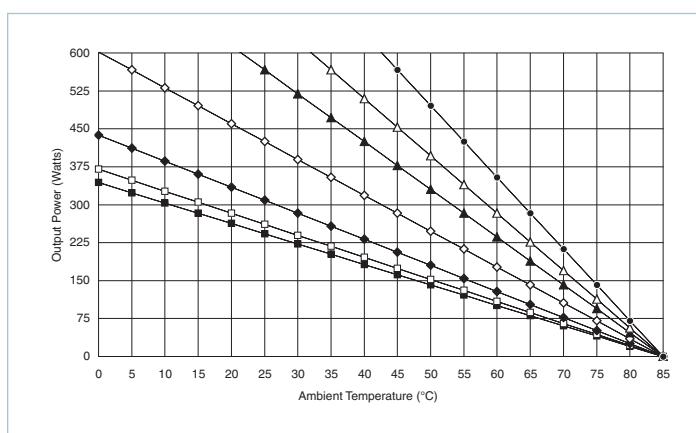
**Figure 21.33 — 2-up ComPAC
5V output**



**Figure 21.34 — 2-up ComPAC
12 – 48V output**



**Figure 21.35 — 3-up ComPAC
5V output**

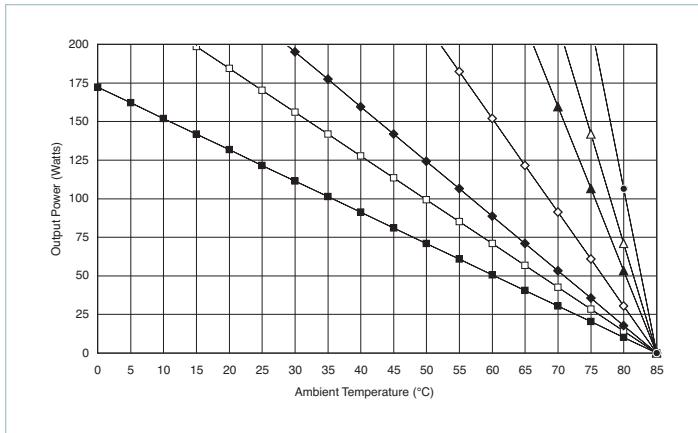


**Figure 21.36 — 3-up ComPAC
12 – 48V output**

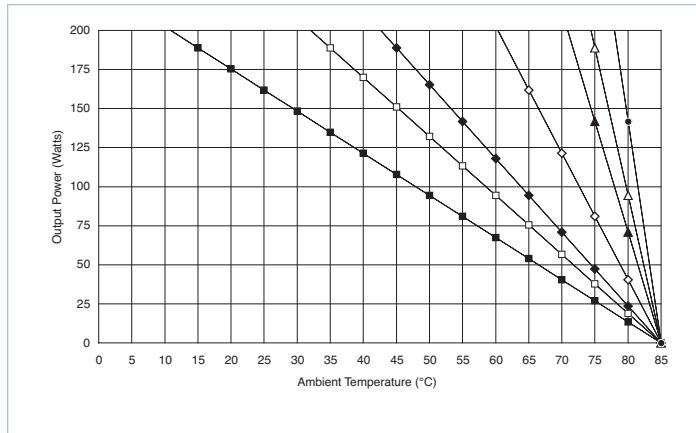
FlatPAC™ Family Thermal Curves

Note: Use as a design guide only. Verify final design by actual temperature measurement.

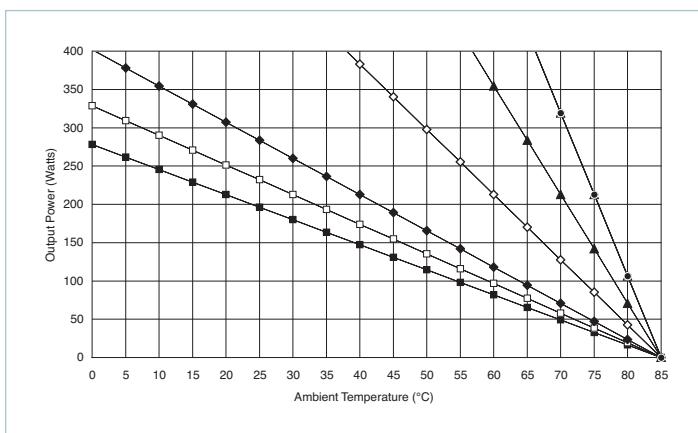
Legend: ■ FREE AIR, H □ FREE AIR, V ◆ 200 LFM ◇ 400 LFM ▲ 600 LFM △ 800 LFM ● 1000 LFM



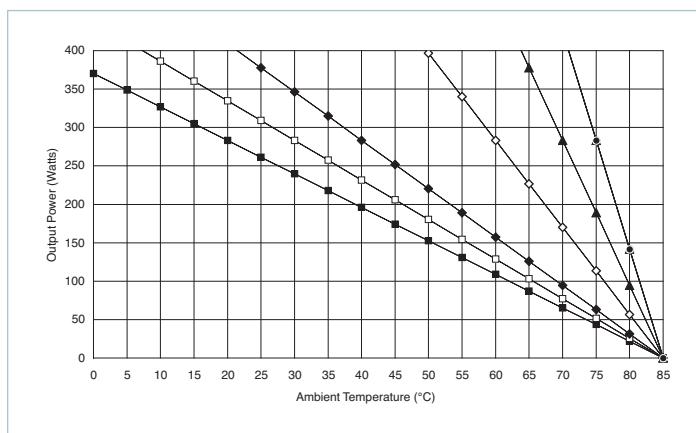
**Figure 21.37 — 1-up FlatPAC
5V output**



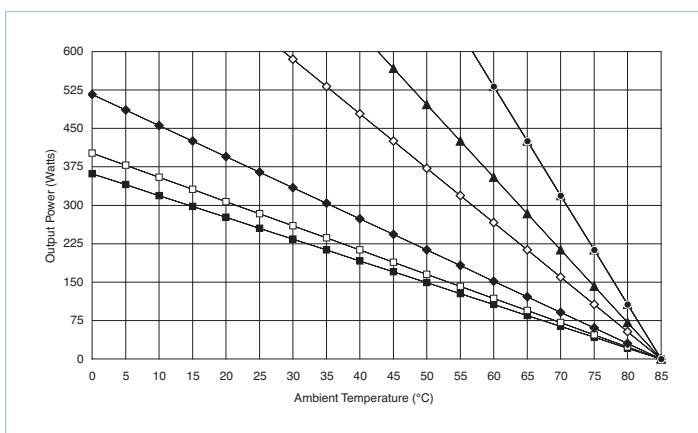
**Figure 21.38 — 1-up FlatPAC
12 – 48V output**



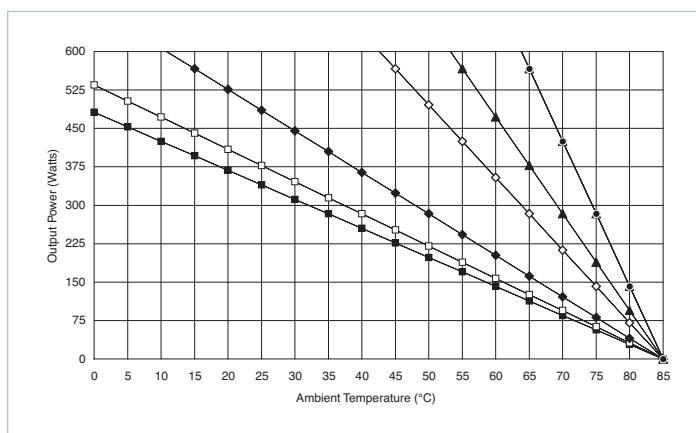
**Figure 21.39 — 2-up FlatPAC
5V output**



**Figure 21.40 — 2-up FlatPAC
12 – 48V output**



**Figure 21.41 — 3-up FlatPAC
5V output**



**Figure 21.42 — 3-up FlatPAC
12 – 48V output**

PFC FlatPAC™ Family Thermal Curves

Note: Use as a design guide only. Verify final design by actual temperature measurement.

Legend: ■ FREE AIR □ 200 LFM △ 400 LFM ▲ 600 LFM ▲ 800 LFM ▲ 1000 LFM

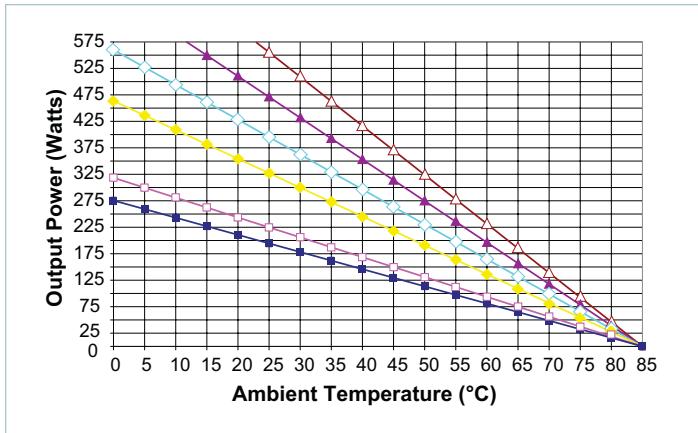


Figure 21.43 — Output power de-rating vs. temperature,
 $V_{OUT} \geq 12V$

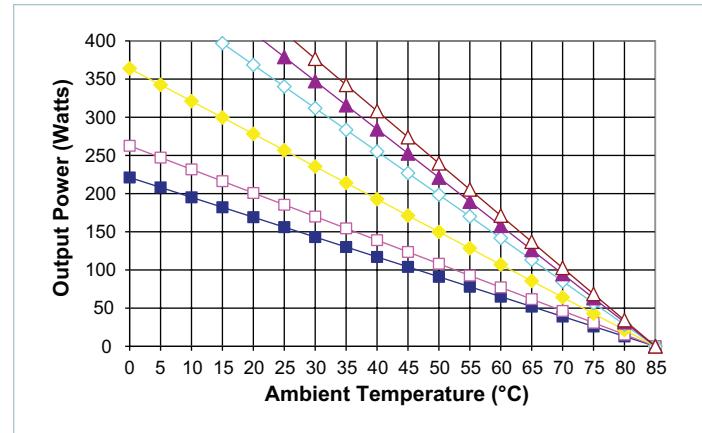


Figure 21.44 — Output power de-rating vs. temperature,
 $V_{OUT} = 5V$

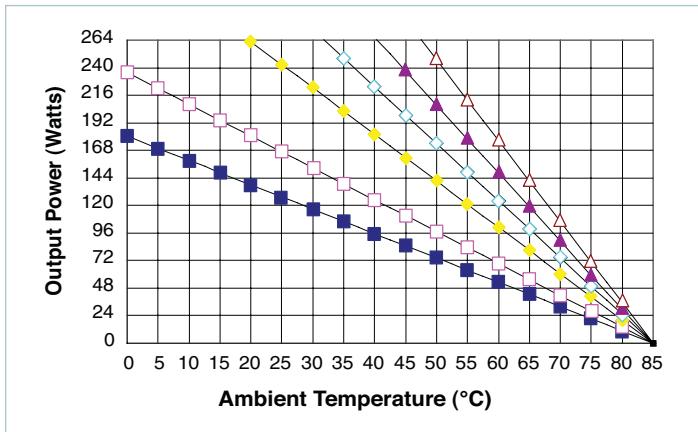


Figure 21.45 — Output power de-rating vs. temperature,
 $V_{OUT} = 3.3V$