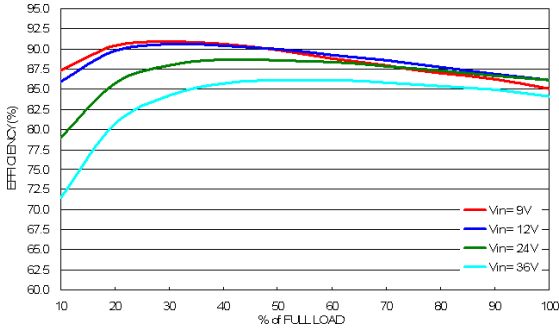
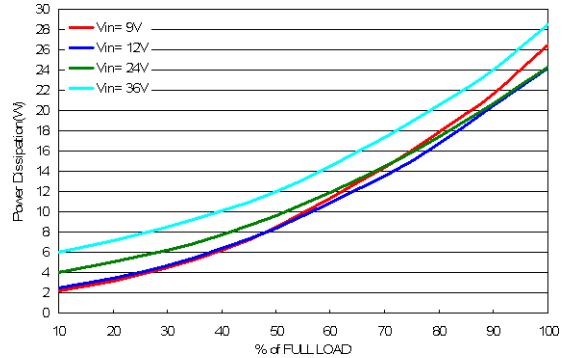


Characteristic Curves

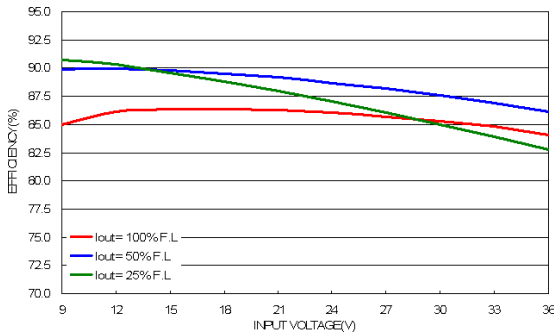
All test conditions are at 25°C. The figures are identical for WAF(D)150-24S12W



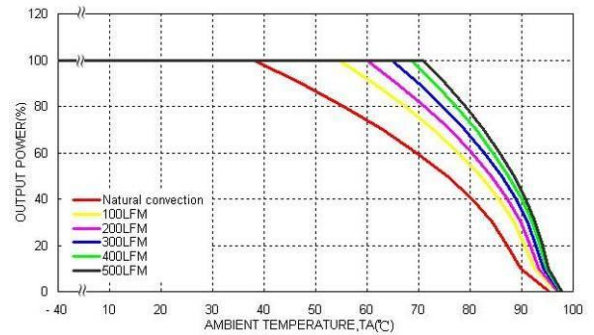
Efficiency versus Output Load



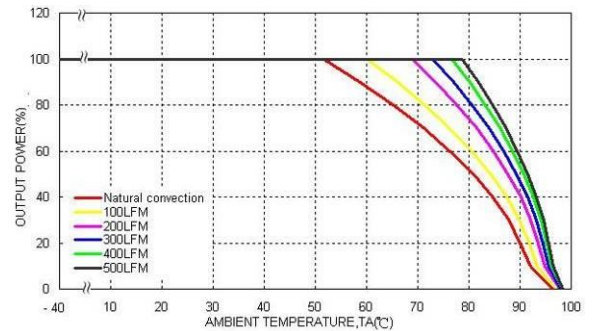
Power Dissipation versus Output Load



Efficiency versus Input Voltage. Full Load



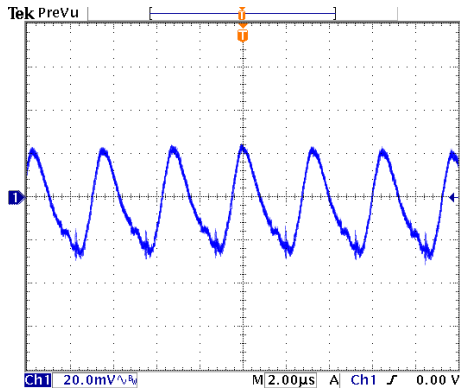
Derating Output Load versus Ambient Temperature with iron base-plate and Airflow , Vin = Vin(nom)
(The base-plate dimension is 19" * 3.5" * 0.063".
The height is EIA standard 2U.)



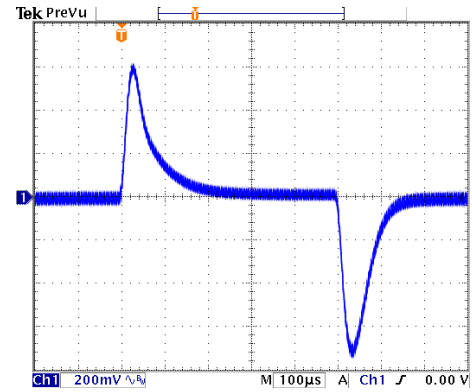
Derating Output Load Versus Ambient Temperature with iron base-plate , Heat-sink and Airflow , Vin = Vin(nom)
(The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U. Heat-sink is optional and P/N: 7G-0058A-F.)

Characteristic Curves (Continued)

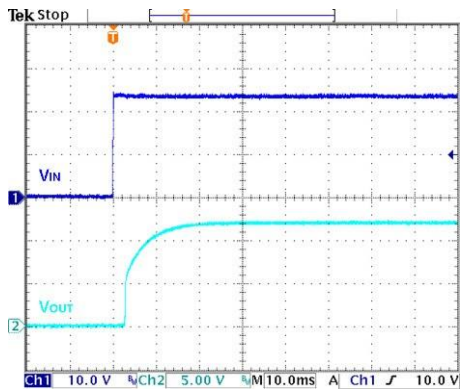
All test conditions are at 25°C. The figures are identical for WAF(D)150-24S12W



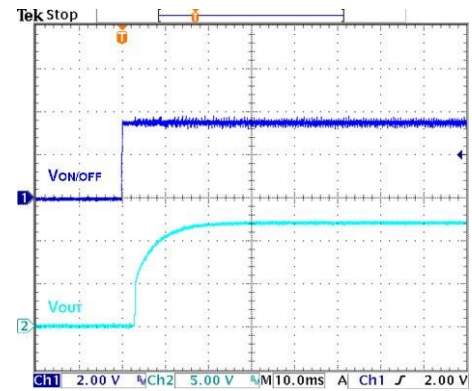
Typical Output Ripple and Noise
 $V_{in} = V_{in(nom)}$, Full Load



Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load, $V_{in} = V_{in(nom)}$



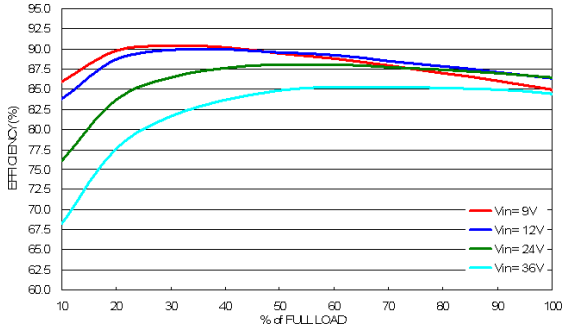
Typical Input Start-Up and Output Rise Characteristic
 $V_{in} = V_{in(nom)}$, Full Load



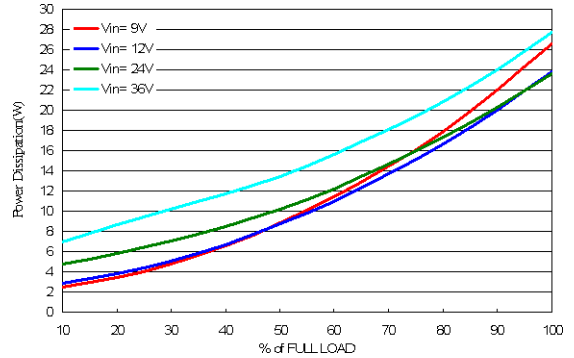
Using ON/OFF Voltage Start-Up and V_o Rise Characteristic
 $V_{in} = V_{in(nom)}$, Full Load

Characteristic Curves (Continued)

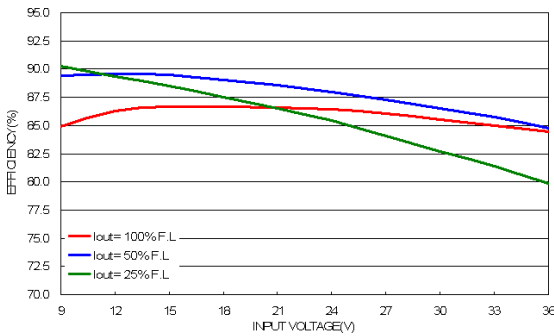
All test conditions are at 25°C. The figures are identical for WAF(D)150-24S15W



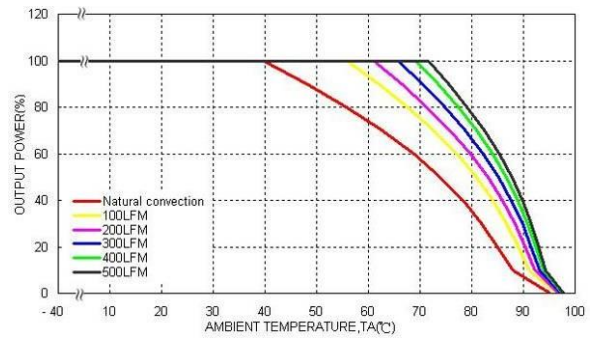
Efficiency versus Output Load



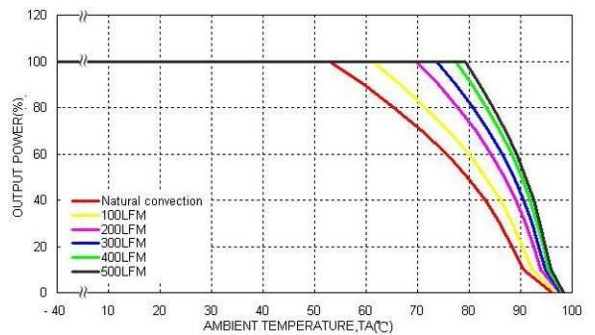
Power Dissipation versus Output Load



Efficiency versus Input Voltage. Full Load



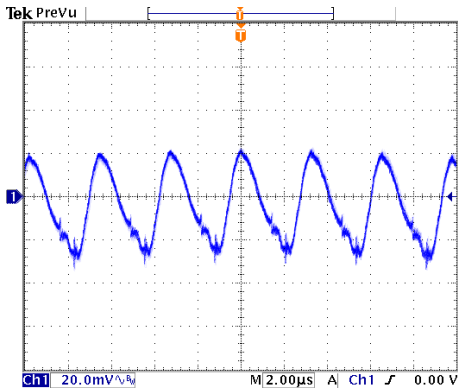
Derating Output Load versus Ambient Temperature with iron base-plate and Airflow , Vin = Vin(nom) (The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U.)



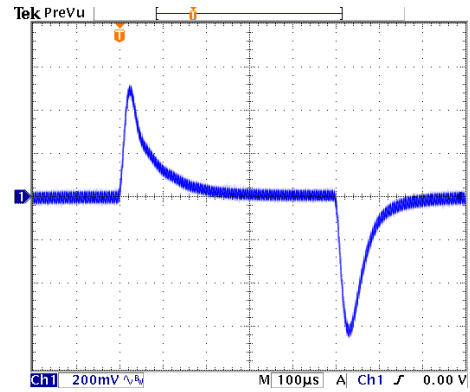
Derating Output Load Versus Ambient Temperature with iron base-plate , Heat-sink and Airflow , Vin = Vin(nom) (The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U. Heat-sink is optional and P/N: 7G-0058A-F.)

Characteristic Curves (Continued)

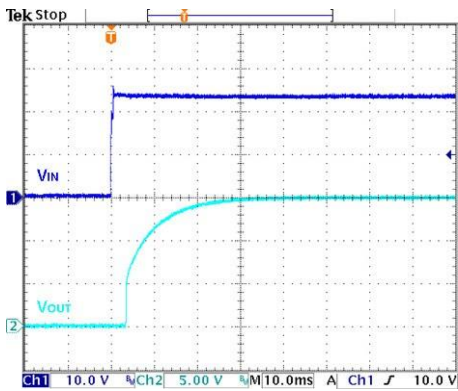
All test conditions are at 25°C. The figures are identical for WAF(D)150-24S15W



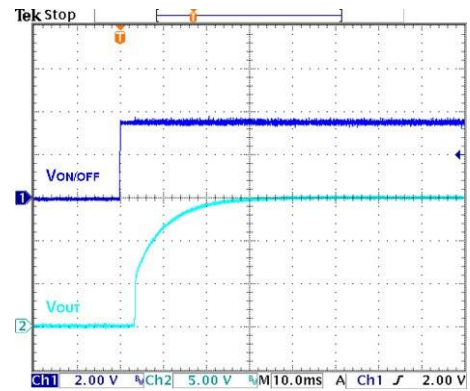
Typical Output Ripple and Noise.
 $V_{in} = V_{in(nom)}$, Full Load



Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load, $V_{in} = V_{in(nom)}$



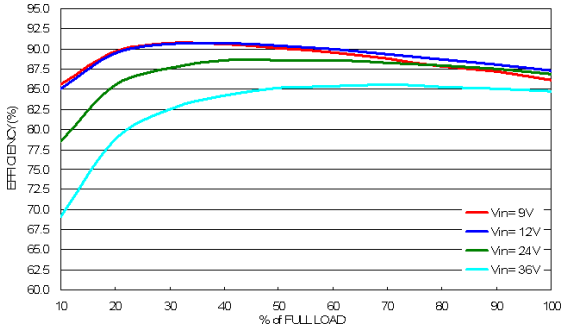
Typical Input Start-Up and Output Rise Characteristic
 $V_{in} = V_{in(nom)}$, Full Load



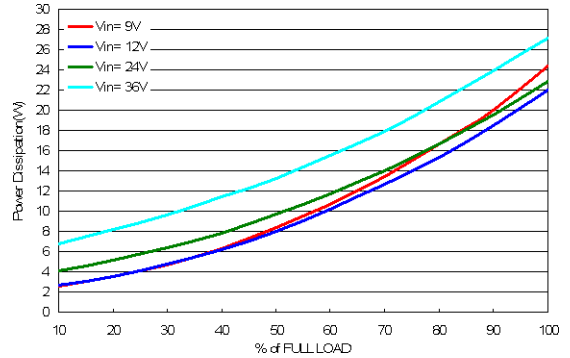
Using ON/OFF Voltage Start-Up and V_o Rise Characteristic
 $V_{in} = V_{in(nom)}$, Full Load

Characteristic Curves (Continued)

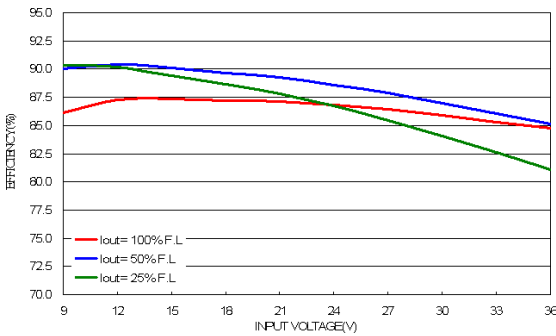
All test conditions are at 25°C. The figures are identical for WAF(D)150-24S24W



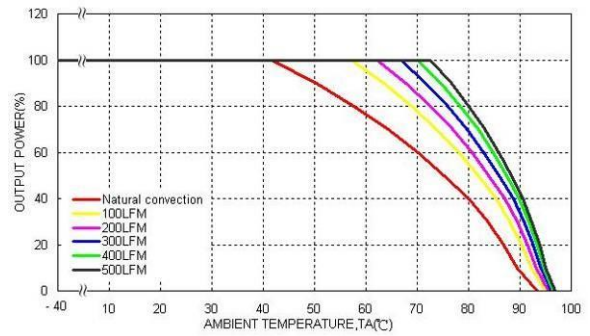
Efficiency versus Output Load



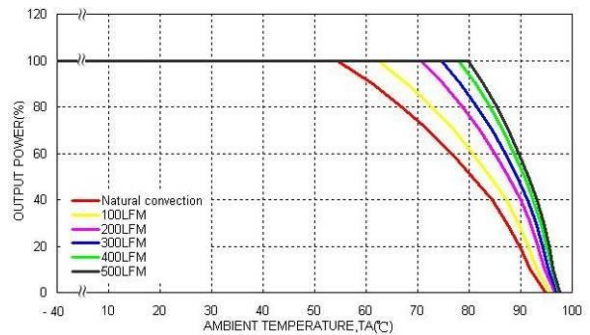
Power Dissipation versus Output Load



Efficiency versus Input Voltage. Full Load



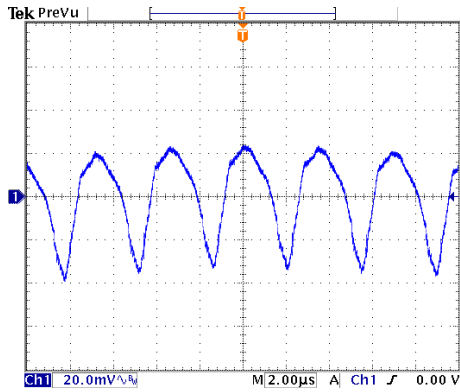
Derating Output Load versus Ambient Temperature with iron base-plate and Airflow , Vin = Vin(nom) (The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U.)



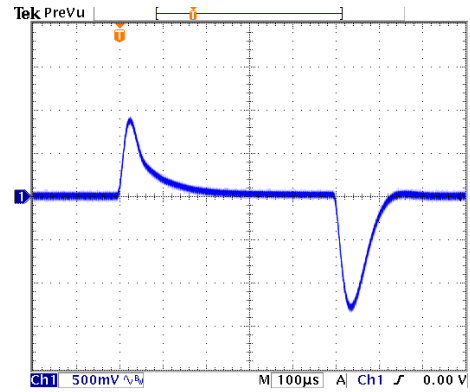
Derating Output Load Versus Ambient Temperature with iron base-plate , Heat-sink and Airflow , Vin = Vin(nom) (The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U. Heat-sink is optional and P/N: 7G-0058A-F.)

Characteristic Curves (Continued)

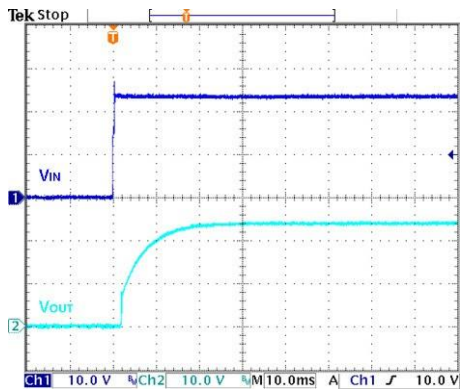
All test conditions are at 25°C. The figures are identical for WAF(D)150-24S24W



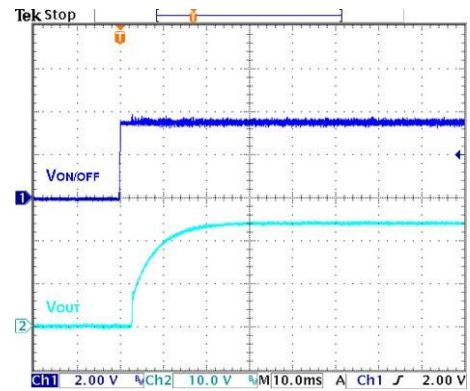
Typical Output Ripple and Noise.
 $V_{in} = V_{in}(nom)$, Full Load



Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load, $V_{in} = V_{in}(nom)$



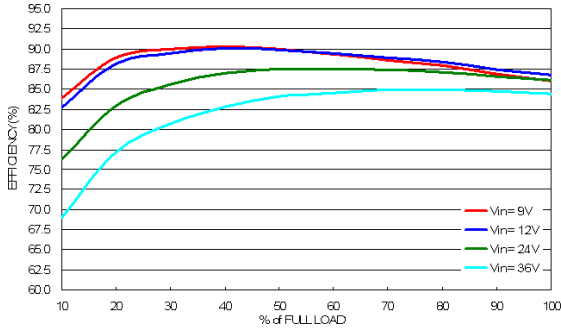
Typical Input Start-Up and Output Rise Characteristic
 $V_{in} = V_{in}(nom)$, Full Load



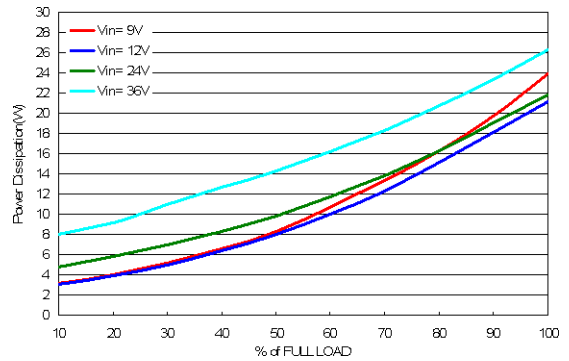
Using ON/OFF Voltage Start-Up and V_o Rise Characteristic
 $V_{in} = V_{in}(nom)$, Full Load

Characteristic Curves (Continued)

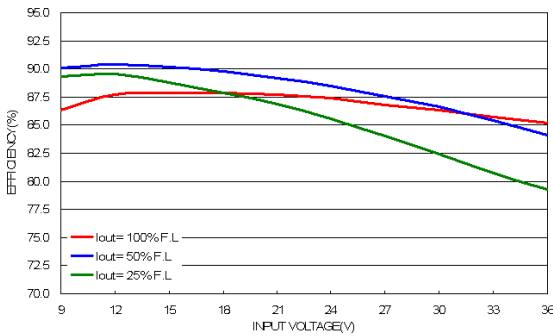
All test conditions are at 25°C. The figures are identical for WAF(D)150-24S28W



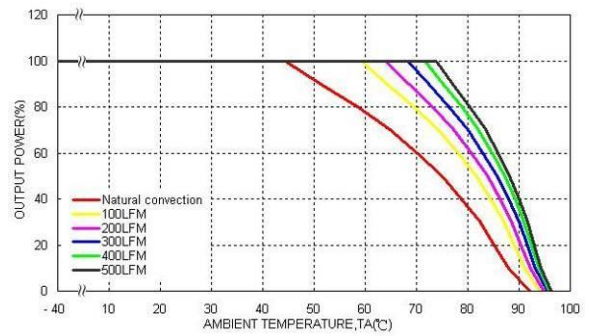
Efficiency versus Output Load



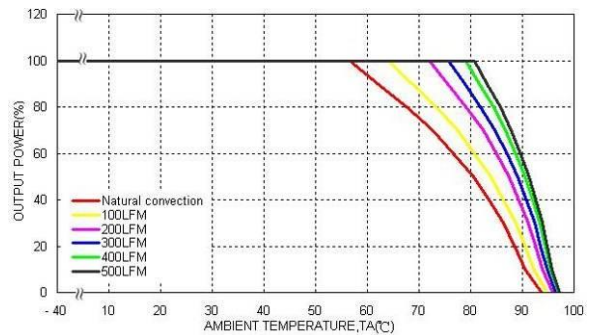
Power Dissipation versus Output Load



Efficiency versus Input Voltage. Full Load



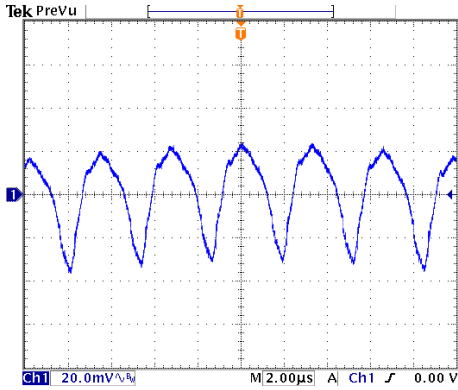
Derating Output Load versus Ambient Temperature with iron base-plate and Airflow , $V_{in} = V_{in(nom)}$ (The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U.)



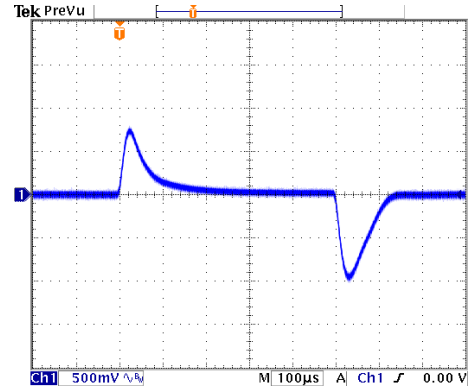
Derating Output Load Versus Ambient Temperature with iron base-plate , Heat-sink and Airflow , $V_{in} = V_{in(nom)}$ (The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U. Heat-sink is optional and P/N: 7G-0058A-F.)

Characteristic Curves (Continued)

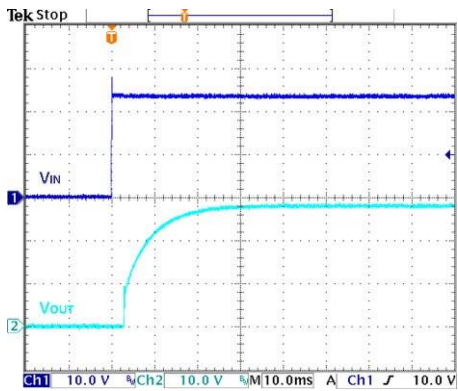
All test conditions are at 25°C. The figures are identical for WAF(D)150-24S28W



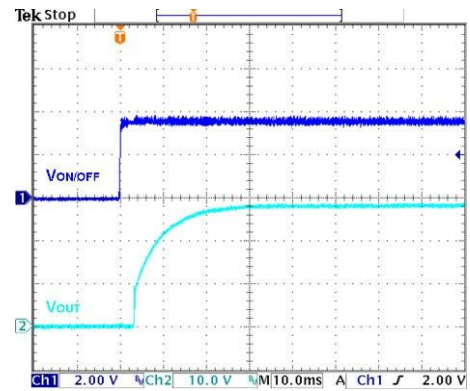
Typical Output Ripple and Noise.
 $V_{in} = V_{in(nom)}$, Full Load



Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load, $V_{in} = V_{in(nom)}$



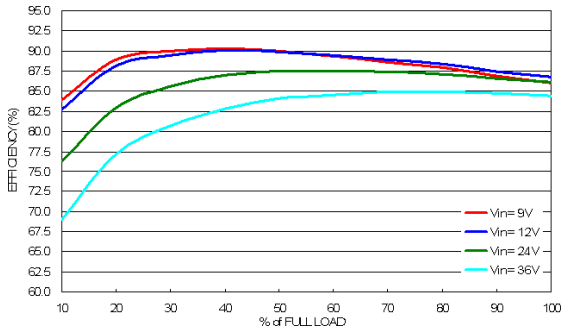
Typical Input Start-Up and Output Rise Characteristic
 $V_{in} = V_{in(nom)}$, Full Load



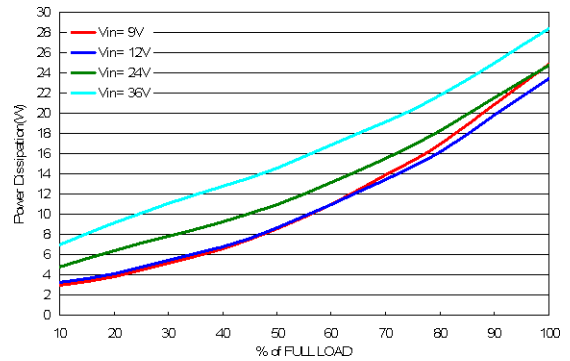
Using ON/OFF Voltage Start-Up and V_o Rise Characteristic
 $V_{in} = V_{in(nom)}$, Full Load

Characteristic Curves (Continued)

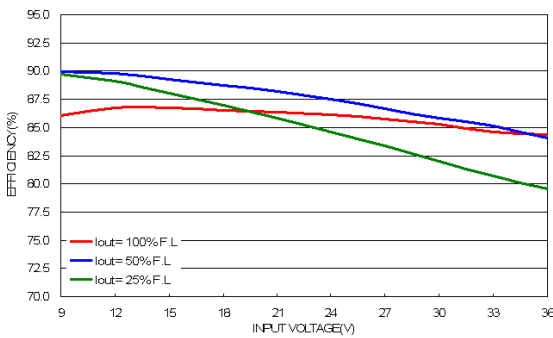
All test conditions are at 25°C. The figures are identical for WAF(D)150-24S48W



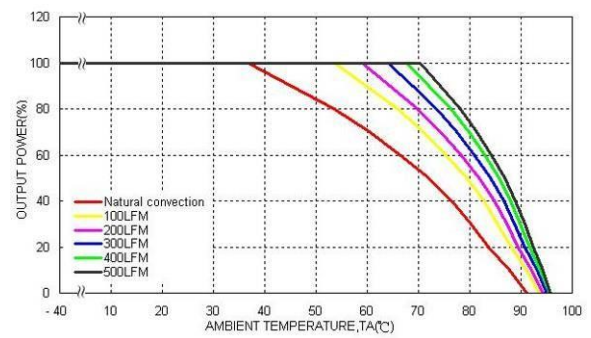
Efficiency versus Output Load



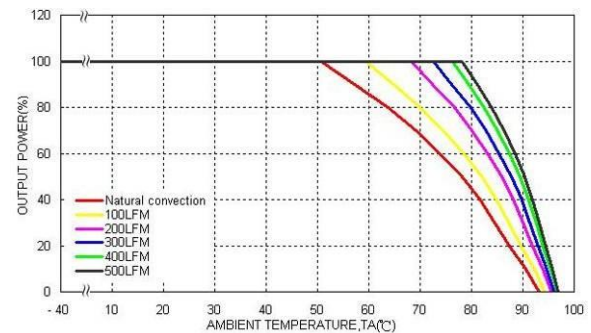
Power Dissipation versus Output Load



Efficiency versus Input Voltage. Full Load



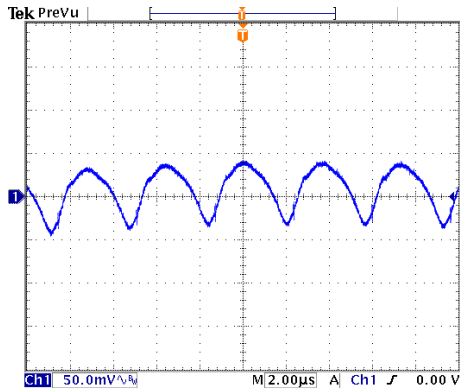
Derating Output Load versus Ambient Temperature with iron base-plate and Airflow , Vin = Vin(nom) (The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U.)



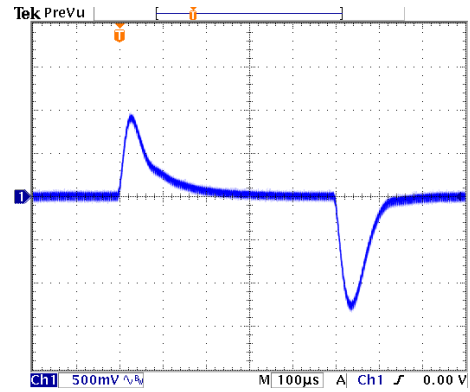
Derating Output Load Versus Ambient Temperature with iron base-plate , Heat-sink and Airflow , Vin = Vin(nom) (The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U. Heat-sink is optional and P/N: 7G-0058A-F.)

Characteristic Curves (Continued)

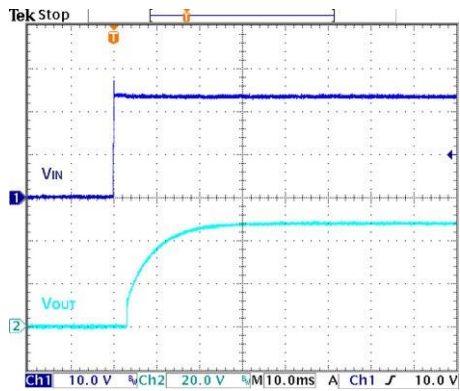
All test conditions are at 25°C. The figures are identical for WAF(D)150-24S48W



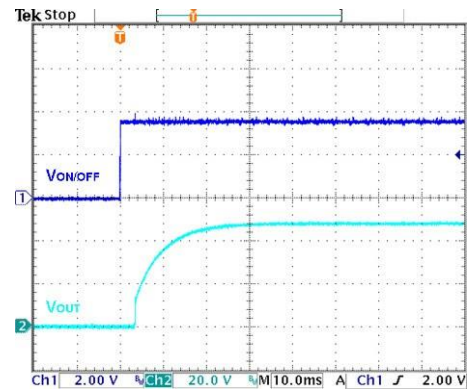
Typical Output Ripple and Noise.
 $V_{in} = V_{in}(nom)$, Full Load



Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load, $V_{in} = V_{in}(nom)$



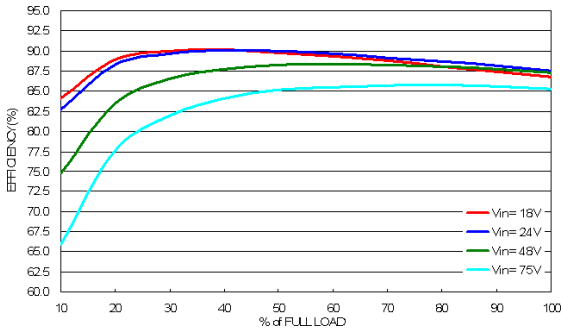
Typical Input Start-Up and Output Rise Characteristic
 $V_{in} = V_{in}(nom)$, Full Load



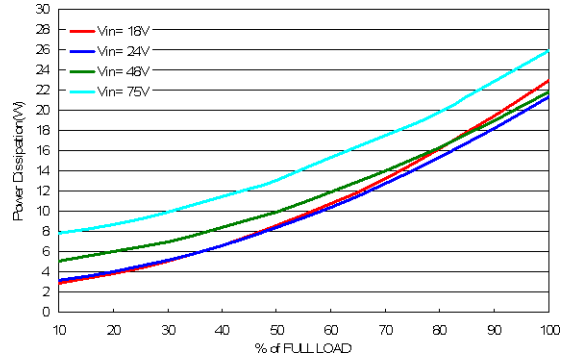
Using ON/OFF Voltage Start-Up and V_o Rise Characteristic
 $V_{in} = V_{in}(nom)$, Full Load

Characteristic Curves (Continued)

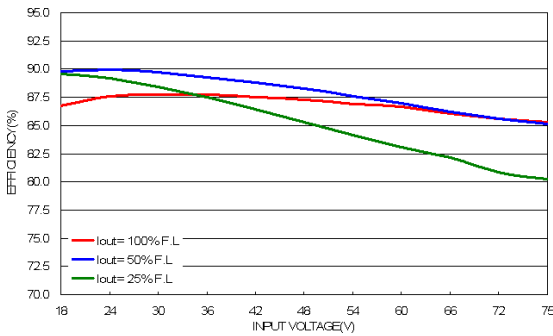
All test conditions are at 25°C. The figures are identical for WAF(D)150-48S12W



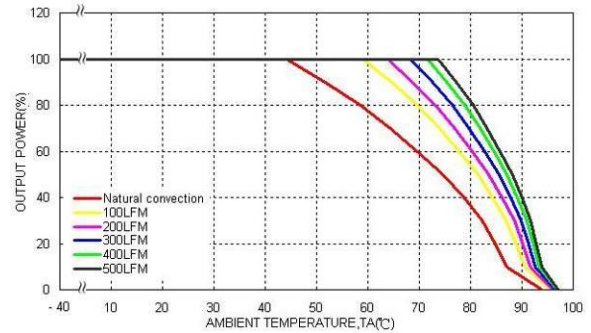
Efficiency versus Output Load



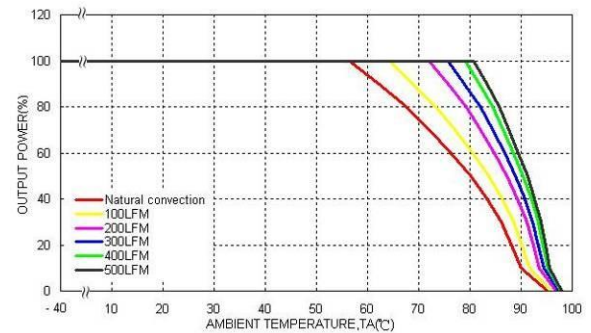
Power Dissipation versus Output Load



Efficiency versus Input Voltage. Full Load



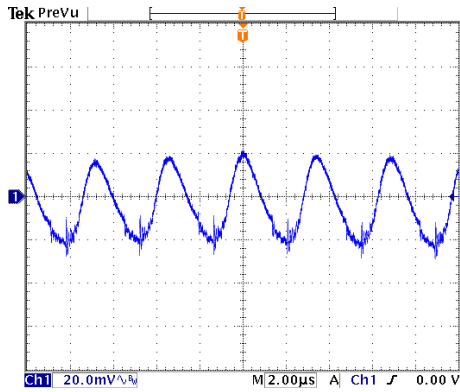
Derating Output Load versus Ambient Temperature with iron base-plate and Airflow , Vin = Vin(nom) (The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U.)



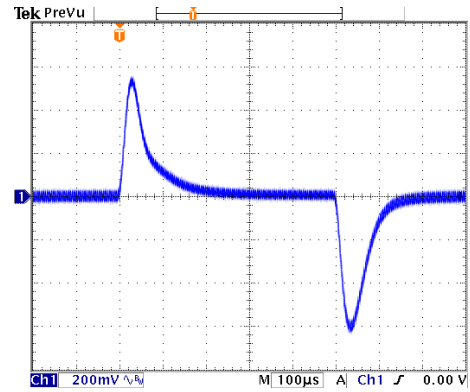
Derating Output Load Versus Ambient Temperature with iron base-plate , Heat-sink and Airflow , Vin = Vin(nom) (The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U. Heat-sink is optional and P/N: 7G-0058A-F.)

Characteristic Curves (Continued)

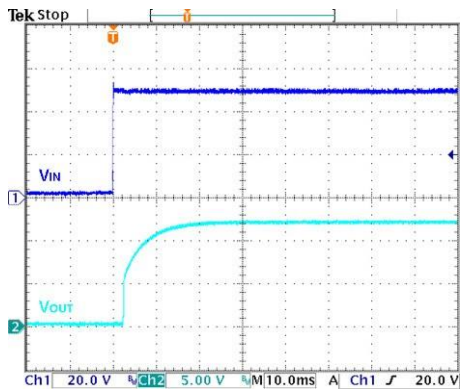
All test conditions are at 25°C. The figures are identical for WAF(D)150-48S12W



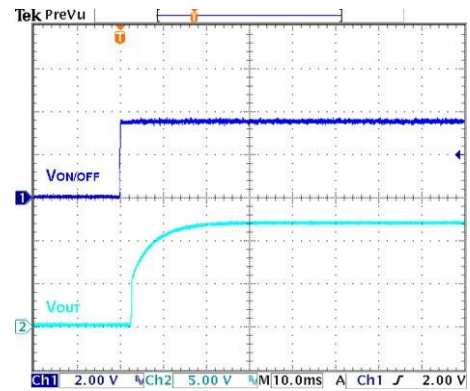
Typical Output Ripple and Noise.
 $V_{in} = V_{in}(nom)$, Full Load



Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load, $V_{in} = V_{in}(nom)$



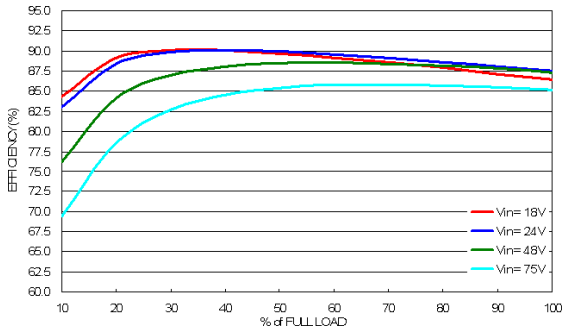
Typical Input Start-Up and Output Rise Characteristic
 $V_{in} = V_{in}(nom)$, Full Load



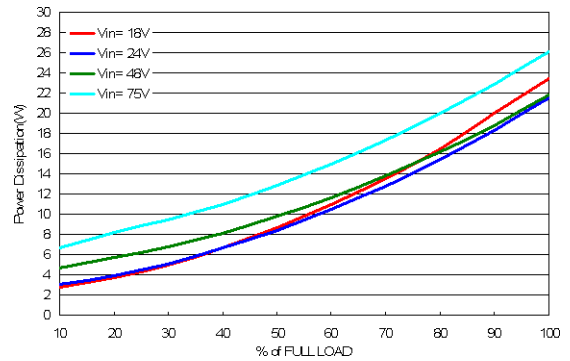
Using ON/OFF Voltage Start-Up and V_o Rise Characteristic
 $V_{in} = V_{in}(nom)$, Full Load

Characteristic Curves (Continued)

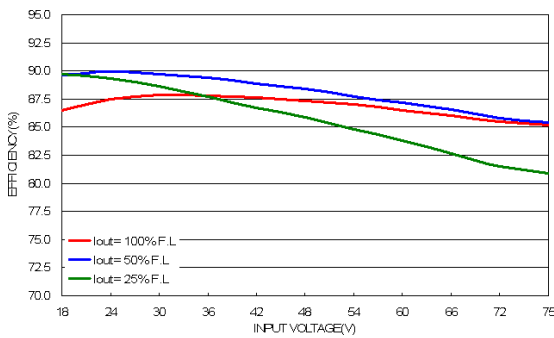
All test conditions are at 25°C. The figures are identical for WAF(D)150-48S15W



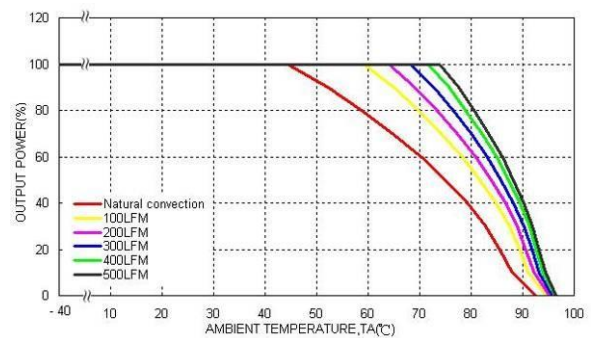
Efficiency versus Output Load



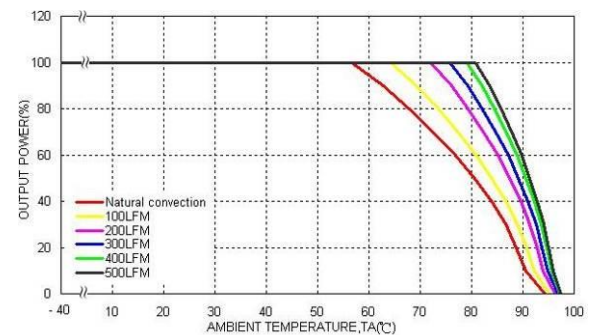
Power Dissipation versus Output Load



Efficiency versus Input Voltage. Full Load



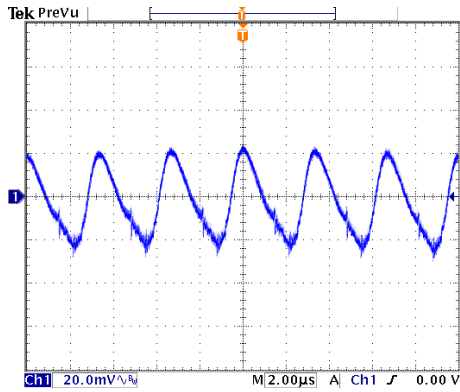
Derating Output Load versus Ambient Temperature with iron base-plate and Airflow , Vin = Vin(nom)
(The base-plate dimension is 19" * 3.5" * 0.063".
The height is EIA standard 2U.)



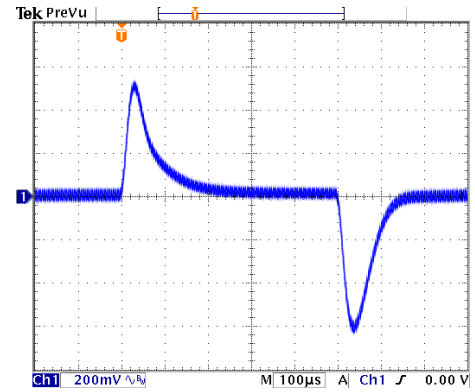
Derating Output Load Versus Ambient Temperature with iron base-plate , Heat-sink and Airflow , Vin = Vin(nom)
(The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U. Heat-sink is optional and P/N: 7G-0058A-F.)

Characteristic Curves (Continued)

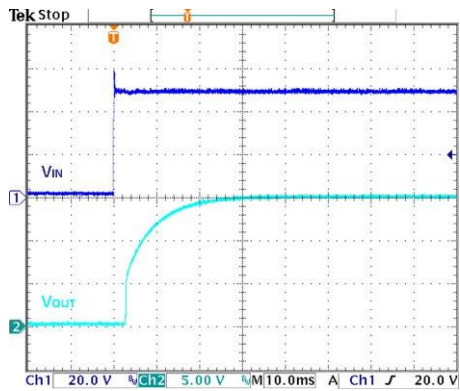
All test conditions are at 25°C. The figures are identical for WAF(D)150-48S15W



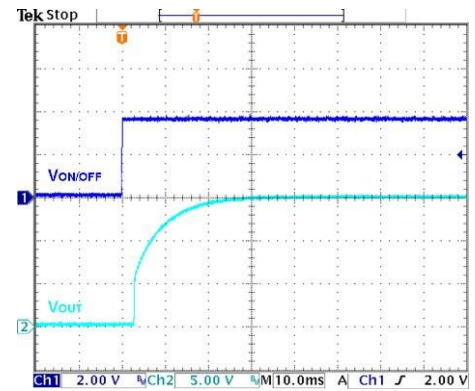
Typical Output Ripple and Noise.
 $V_{in} = V_{in}(nom)$, Full Load



Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load, $V_{in} = V_{in}(nom)$



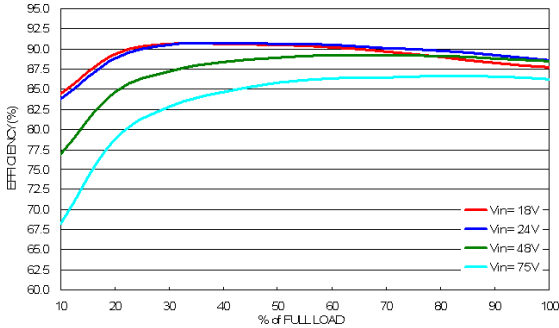
Typical Input Start-Up and Output Rise Characteristic
 $V_{in} = V_{in}(nom)$, Full Load



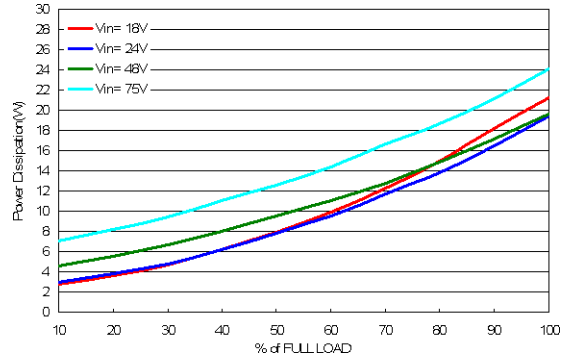
Using ON/OFF Voltage Start-Up and V_o Rise Characteristic
 $V_{in} = V_{in}(nom)$, Full Load

Characteristic Curves (Continued)

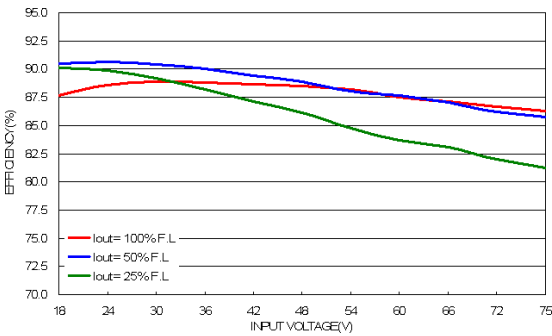
All test conditions are at 25°C. The figures are identical for WAF(D)150-48S24W



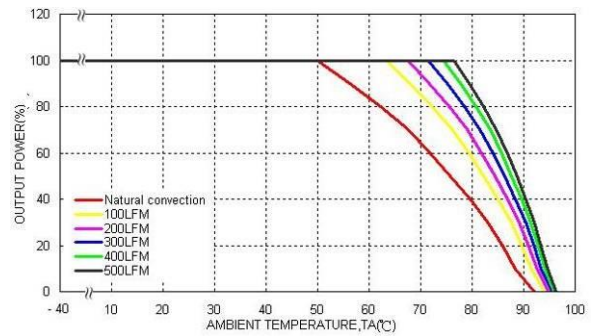
Efficiency versus Output Load



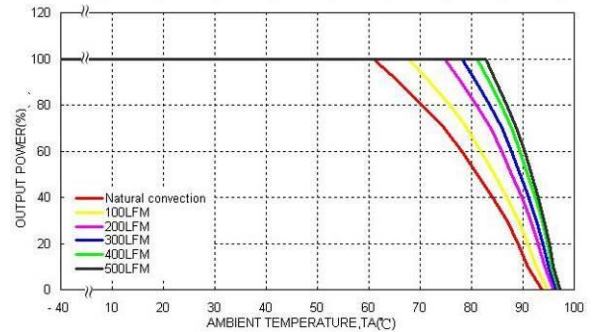
Power Dissipation versus Output Load



Efficiency versus Input Voltage. Full Load



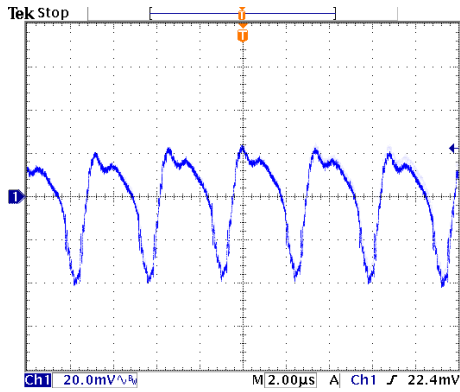
Derating Output Load versus Ambient Temperature with iron base-plate and Airflow , Vin = Vin(nom) (The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U.)



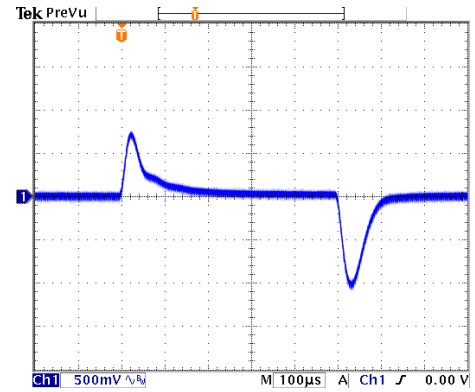
Derating Output Load Versus Ambient Temperature with iron base-plate , Heat-sink and Airflow , Vin = Vin(nom) (The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U. Heat-sink is optional and P/N: 7G-0058A-F.)

Characteristic Curves (Continued)

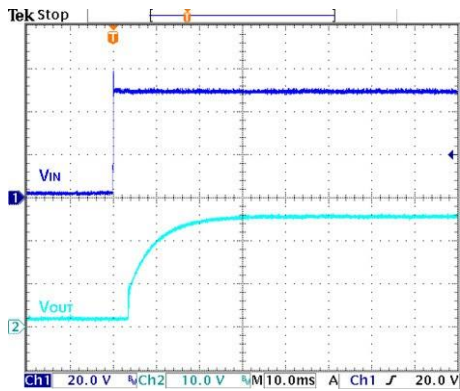
All test conditions are at 25°C. The figures are identical for WAF(D)150-48S24W



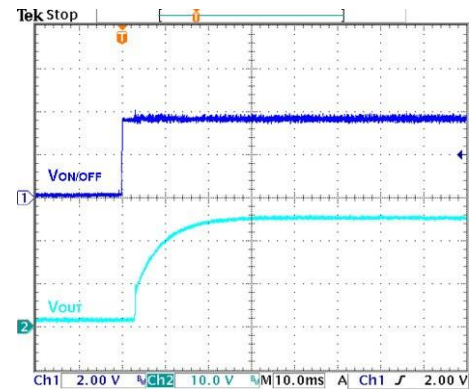
Typical Output Ripple and Noise.
 $V_{in} = V_{in(nom)}$, Full Load



Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load, $V_{in} = V_{in(nom)}$



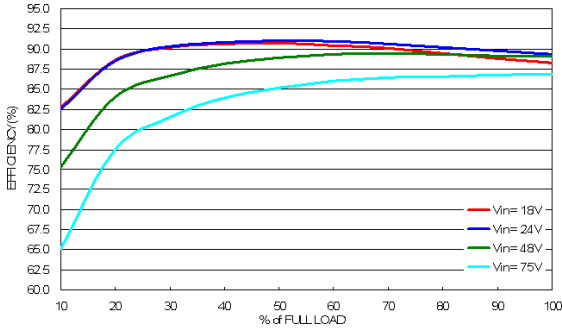
Typical Input Start-Up and Output Rise Characteristic
 $V_{in} = V_{in(nom)}$, Full Load



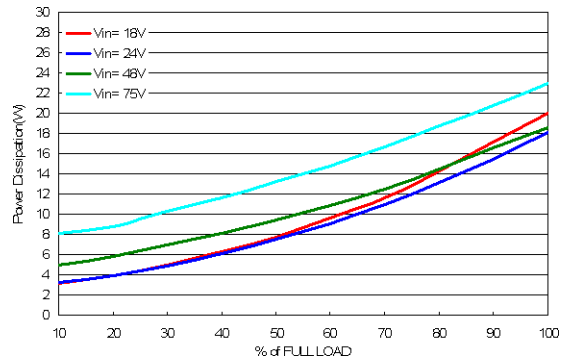
Using ON/OFF Voltage Start-Up and V_o Rise Characteristic
 $V_{in} = V_{in(nom)}$, Full Load

Characteristic Curves (Continued)

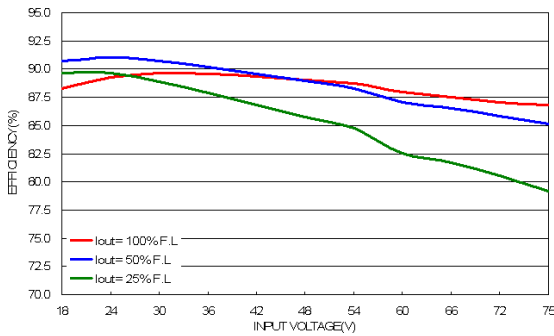
All test conditions are at 25°C. The figures are identical for WAF(D)150-48S2W



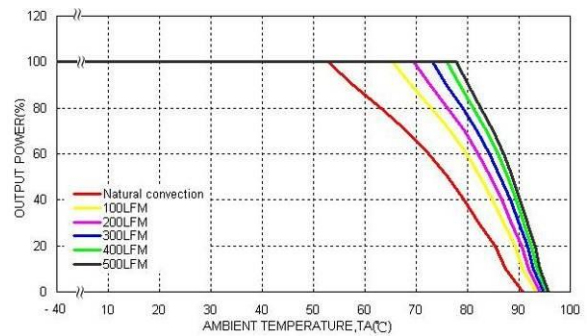
Efficiency versus Output Load



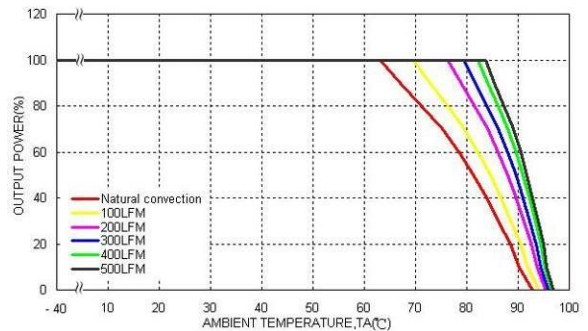
Power Dissipation versus Output Load



Efficiency versus Input Voltage. Full Load



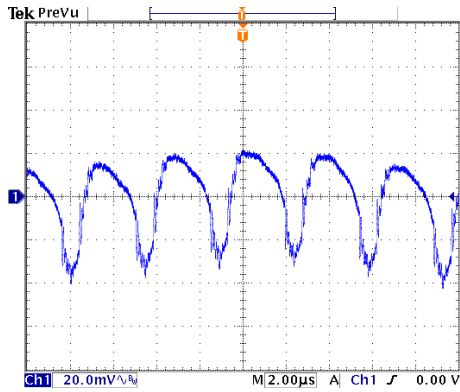
Derating Output Load versus Ambient Temperature with iron base-plate and Airflow , Vin = Vin(nom) (The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U.)



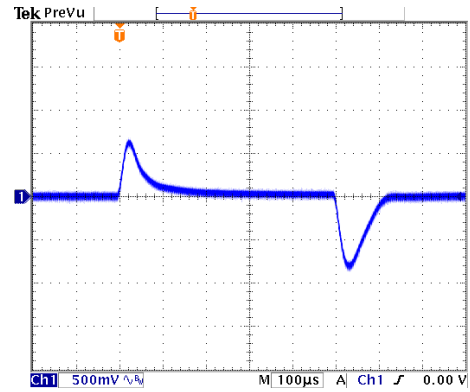
Derating Output Load Versus Ambient Temperature with iron base-plate , Heat-sink and Airflow , Vin = Vin(nom) (The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U. Heat-sink is optional and P/N: 7G-0058A-F.)

Characteristic Curves (Continued)

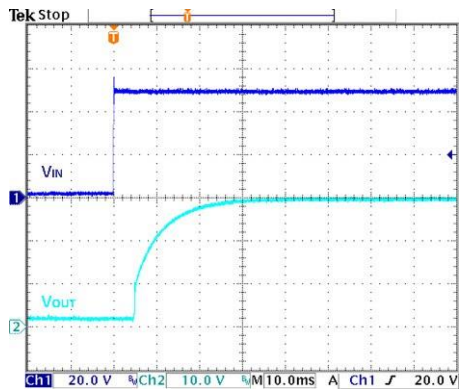
All test conditions are at 25°C. The figures are identical for WAF(D)150-48S28W



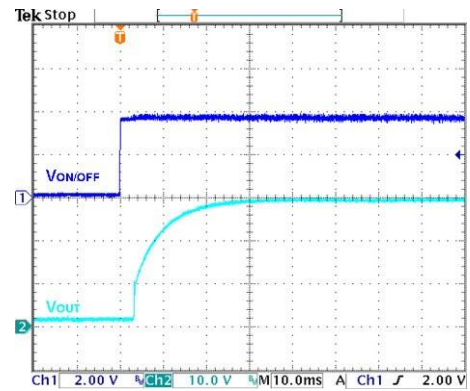
Typical Output Ripple and Noise.
 $V_{in} = V_{in(nom)}$, Full Load



Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load, $V_{in} = V_{in(nom)}$



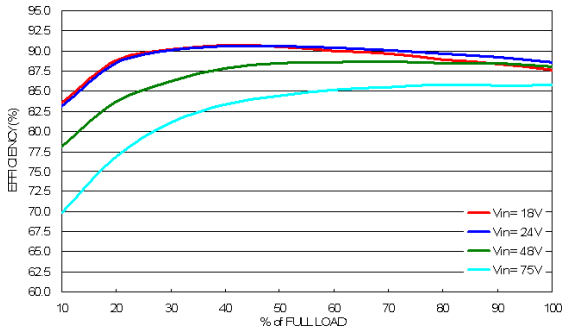
Typical Input Start-Up and Output Rise Characteristic
 $V_{in} = V_{in(nom)}$, Full Load



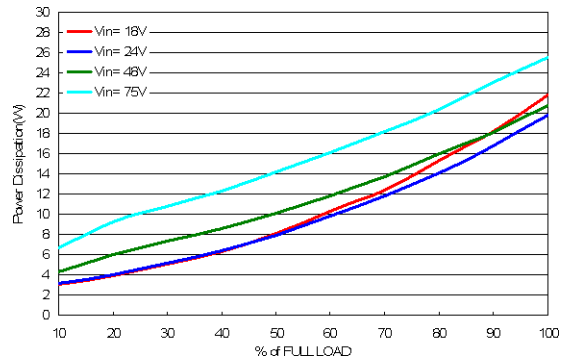
Using ON/OFF Voltage Start-Up and V_o Rise Characteristic
 $V_{in} = V_{in(nom)}$, Full Load

Characteristic Curves (Continued)

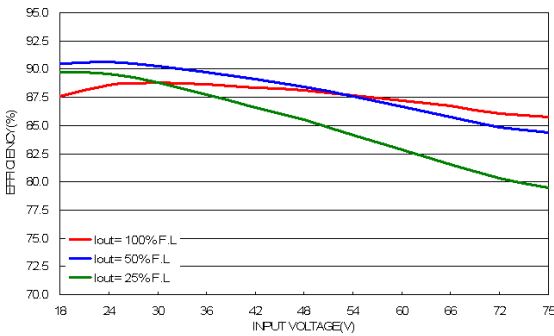
All test conditions are at 25°C. The figures are identical for WAF(D)150-48S48W



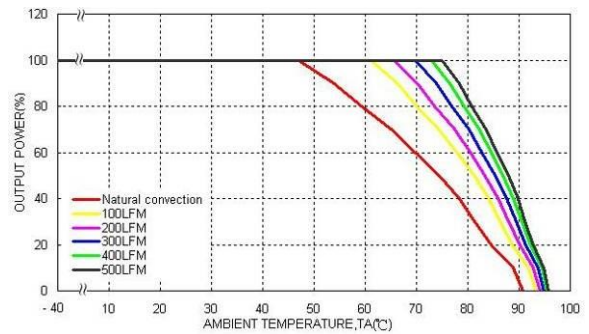
Efficiency versus Output Load



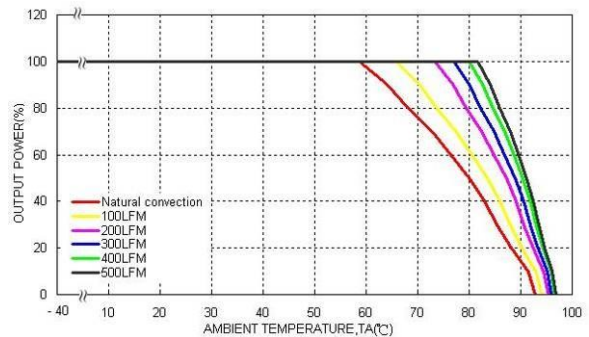
Power Dissipation versus Output Load



Efficiency versus Input Voltage. Full Load



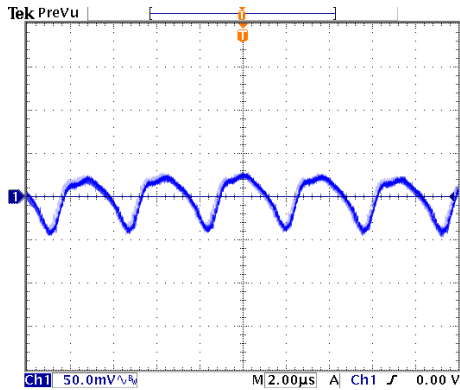
Derating Output Load versus Ambient Temperature with iron base-plate and Airflow , Vin = Vin(nom) (The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U.)



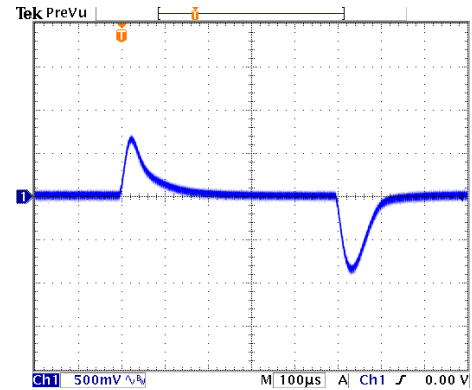
Derating Output Load Versus Ambient Temperature with iron base-plate , Heat-sink and Airflow , Vin = Vin(nom) (The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U. Heat-sink is optional and P/N: 7G-0058A-F.)

Characteristic Curves (Continued)

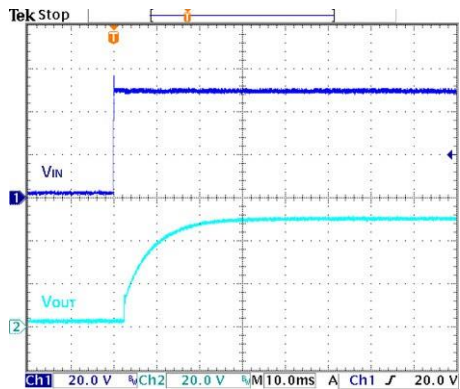
All test conditions are at 25°C. The figures are identical for WAF(D)150-48S48W



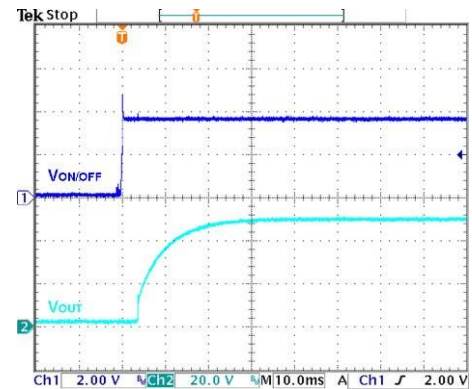
Typical Output Ripple and Noise.
 $V_{in} = V_{in(nom)}$, Full Load



Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load, $V_{in} = V_{in(nom)}$



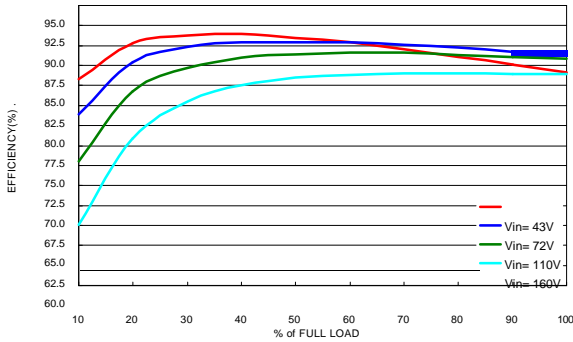
Typical Input Start-Up and Output Rise Characteristic
 $V_{in} = V_{in(nom)}$, Full Load



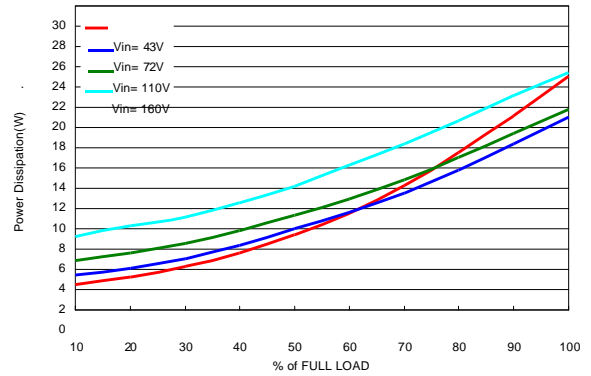
Using ON/OFF Voltage Start-Up and V_o Rise Characteristic
 $V_{in} = V_{in(nom)}$, Full Load

Characteristic Curves (Continued)

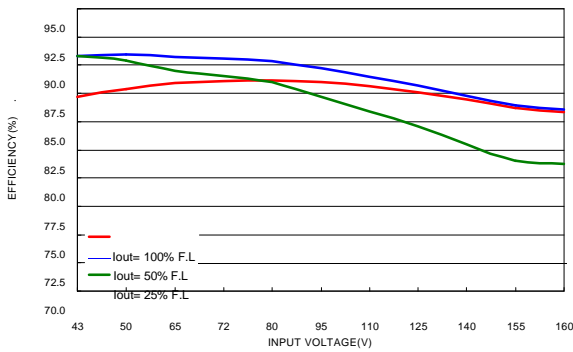
All test conditions are at 25°C. The figures are identical for WAF(D)150-110S12W



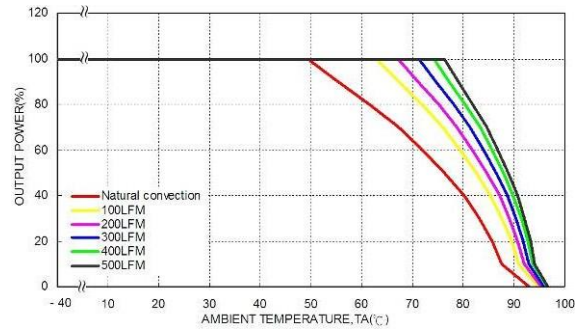
Efficiency versus Output Load



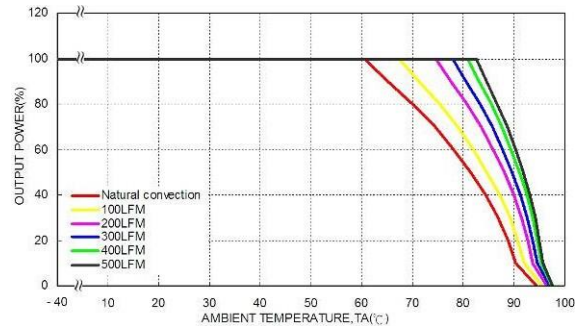
Power Dissipation versus Output Load



Efficiency versus Input Voltage. Full Load



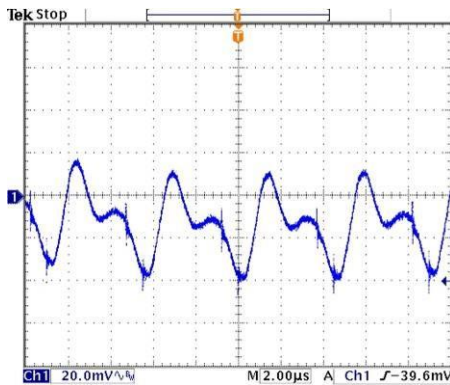
Derating Output Load versus Ambient Temperature with iron base-plate and Airflow , Vin = Vin(nom) (The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U.)



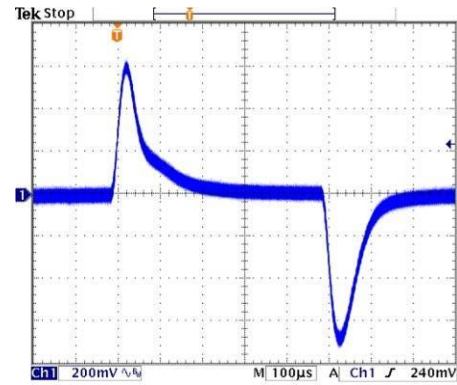
Derating Output Load Versus Ambient Temperature with iron base-plate , Heat-sink and Airflow , Vin = Vin(nom) (The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U. Heat-sink is optional and P/N: 7G-0058A-F.)

Characteristic Curves (Continued)

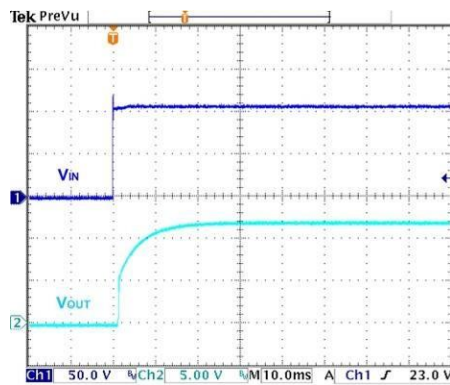
All test conditions are at 25°C. The figures are identical for WAF(D)150-110S12W



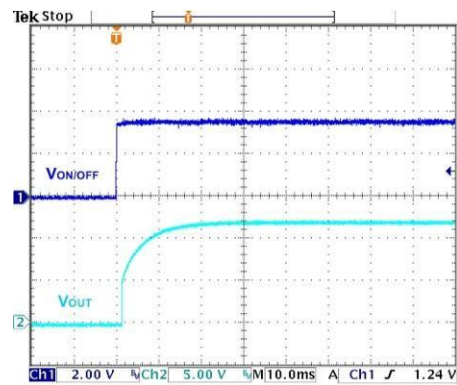
Typical Output Ripple and Noise.
 $V_{in} = V_{in}(nom)$, Full Load



Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load, $V_{in} = V_{in}(nom)$



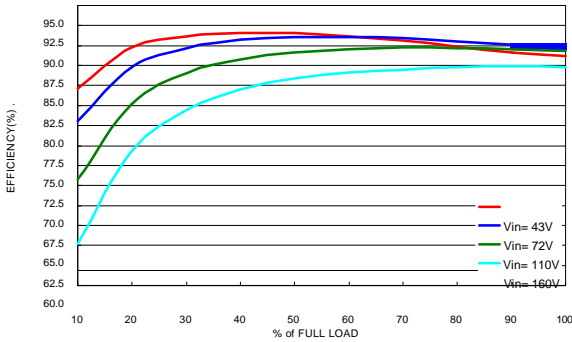
Typical Input Start-Up and Output Rise Characteristic
 $V_{in} = V_{in}(nom)$, Full Load



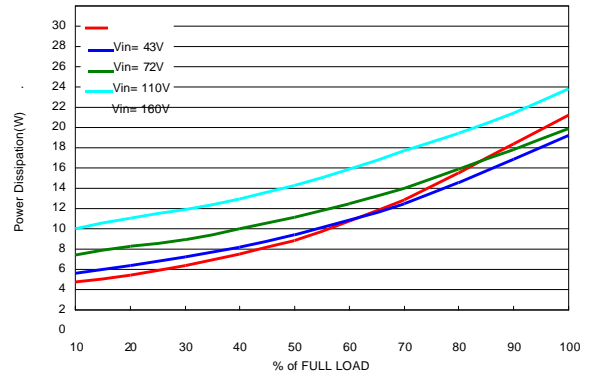
Using ON/OFF Voltage Start-Up and V_o Rise Characteristic
 $V_{in} = V_{in}(nom)$, Full Load

Characteristic Curves (Continued)

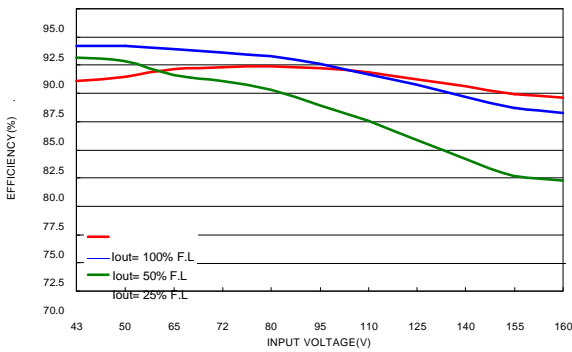
All test conditions are at 25°C. The figures are identical for WAF(D)150-110S15W



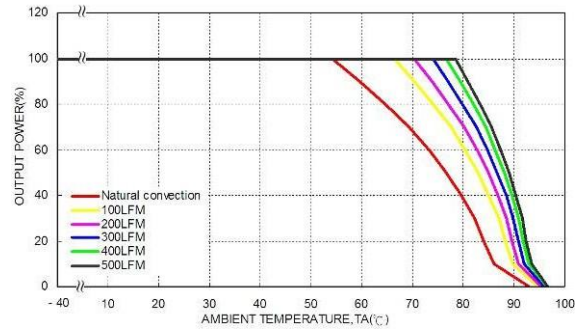
Efficiency versus Output Load



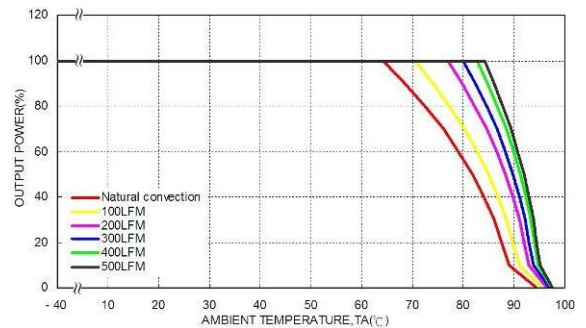
Power Dissipation versus Output Load



Efficiency versus Input Voltage. Full Load



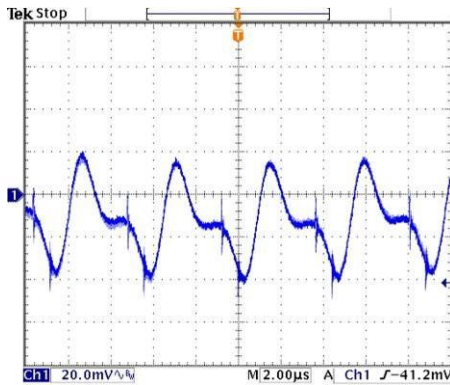
Derating Output Load versus Ambient Temperature with iron base-plate and Airflow , Vin = Vin(nom)
(The base-plate dimension is 19" * 3.5" * 0.063".
The height is EIA standard 2U.)



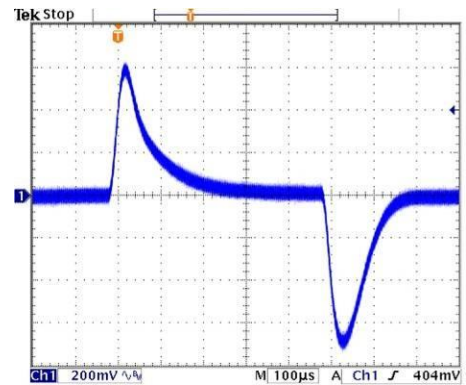
Derating Output Load Versus Ambient Temperature with iron base-plate , Heat-sink and Airflow , Vin = Vin(nom)
(The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U. Heat-sink is optional and P/N: 7G-0058A-F.)

Characteristic Curves (Continued)

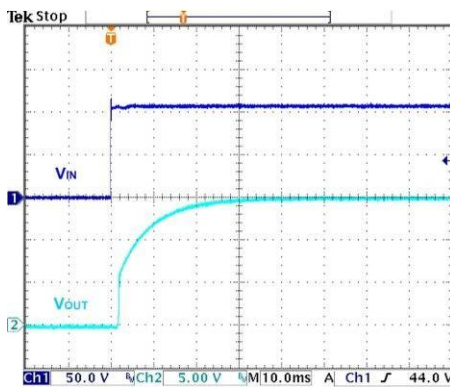
All test conditions are at 25°C. The figures are identical for WAF(D)150-110S15W



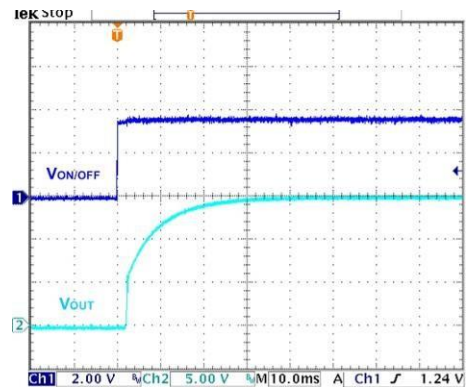
Typical Output Ripple and Noise.
 $V_{in} = V_{in(nom)}$, Full Load



Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load, $V_{in} = V_{in(nom)}$



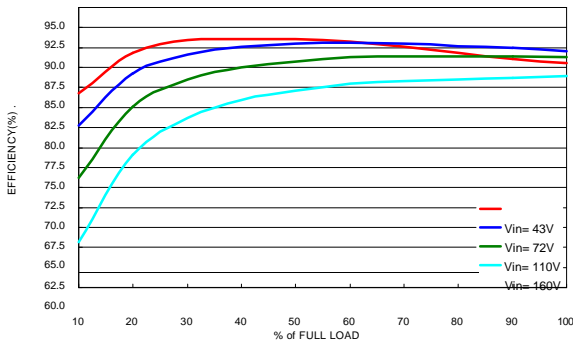
Typical Input Start-Up and Output Rise Characteristic
 $V_{in} = V_{in(nom)}$, Full Load



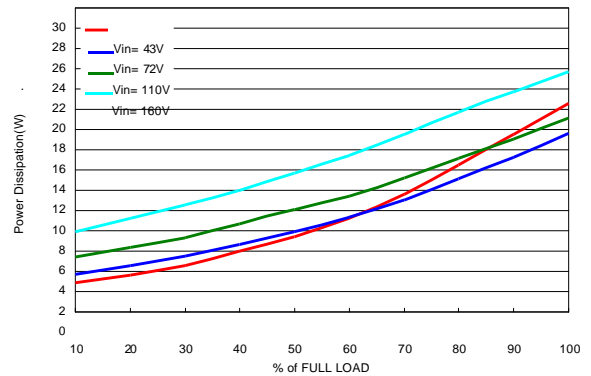
Using ON/OFF Voltage Start-Up and V_o Rise Characteristic
 $V_{in} = V_{in(nom)}$, Full Load

Characteristic Curves (Continued)

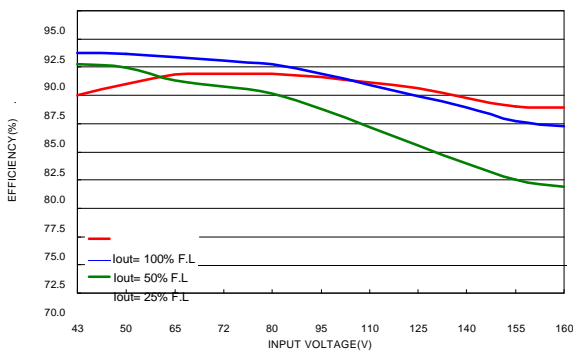
All test conditions are at 25°C. The figures are identical for WAF(D)150-110S24W



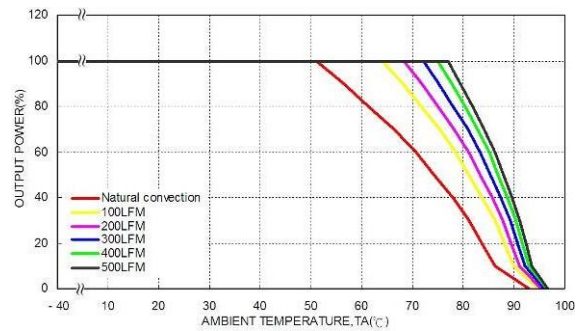
Efficiency versus Output Load



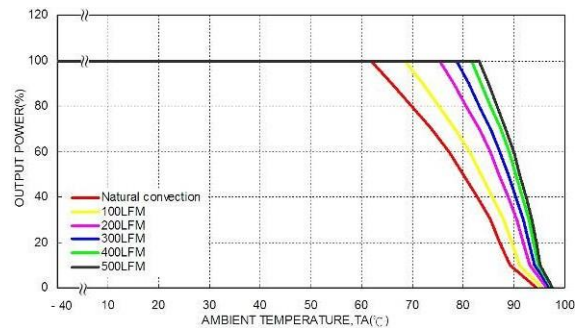
Power Dissipation versus Output Load



Efficiency versus Input Voltage. Full Load



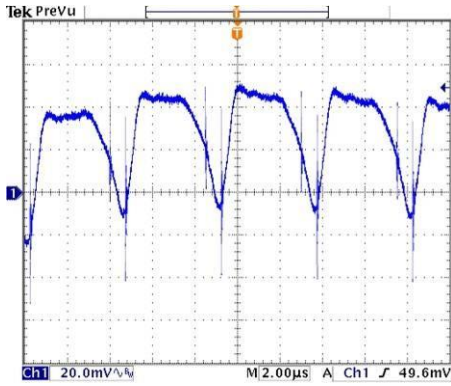
Derating Output Load versus Ambient Temperature with iron base-plate and Airflow , Vin = Vin(nom) (The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U.)



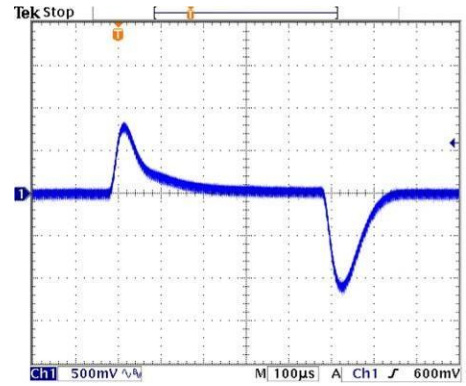
Derating Output Load Versus Ambient Temperature with iron base-plate , Heat-sink and Airflow , Vin = Vin(nom) (The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U. Heat-sink is optional and P/N: 7G-0058A-F.)

Characteristic Curves (Continued)

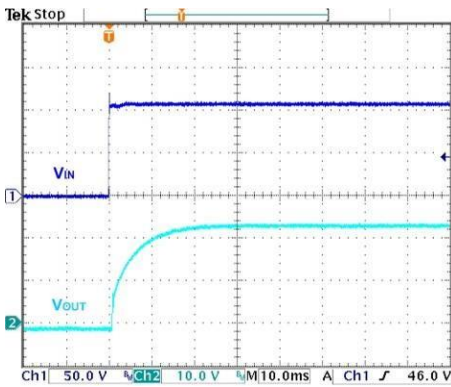
All test conditions are at 25°C. The figures are identical for WAF(D)150-110S24W



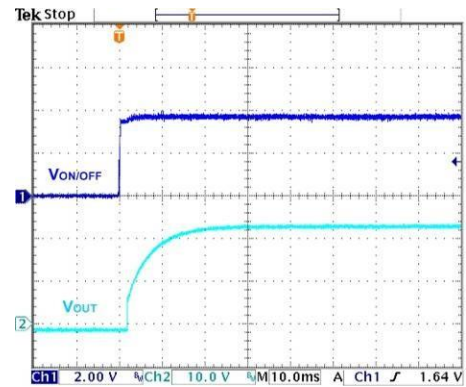
Typical Output Ripple and Noise.
 $V_{in} = V_{in(nom)}$, Full Load



Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load, $V_{in} = V_{in(nom)}$



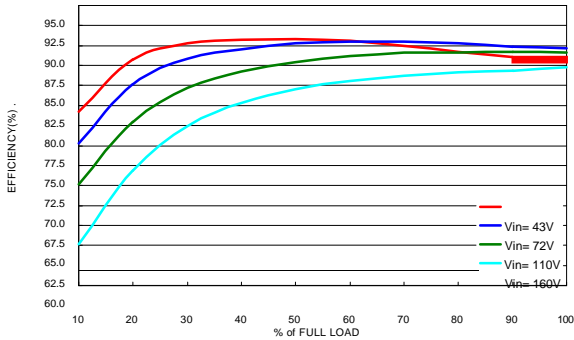
Typical Input Start-Up and Output Rise Characteristic
 $V_{in} = V_{in(nom)}$, Full Load



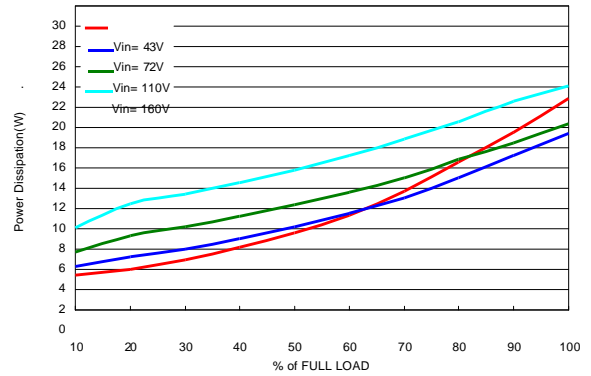
Using ON/OFF Voltage Start-Up and V_o Rise Characteristic
 $V_{in} = V_{in(nom)}$, Full Load

Characteristic Curves (Continued)

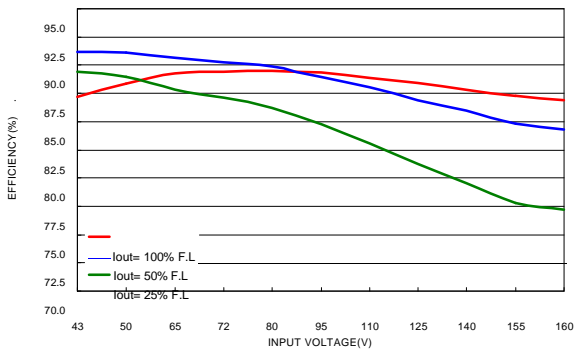
All test conditions are at 25°C. The figures are identical for WAF(D)150-110S28W



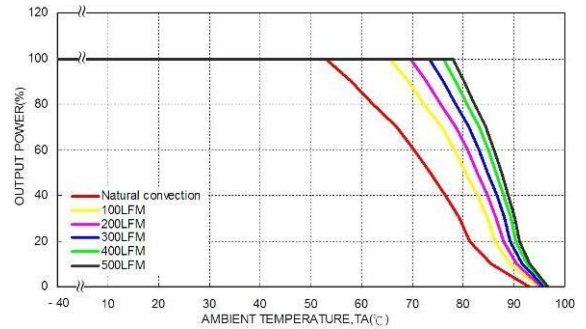
Efficiency versus Output Load



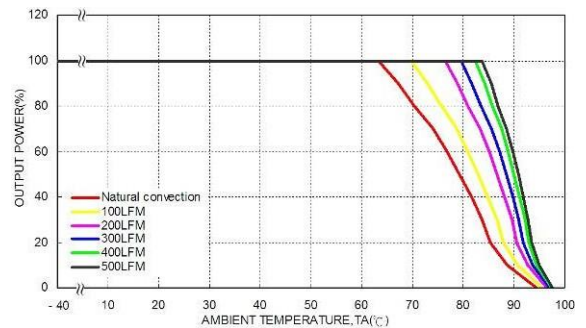
Power Dissipation versus Output Load



Efficiency versus Input Voltage. Full Load



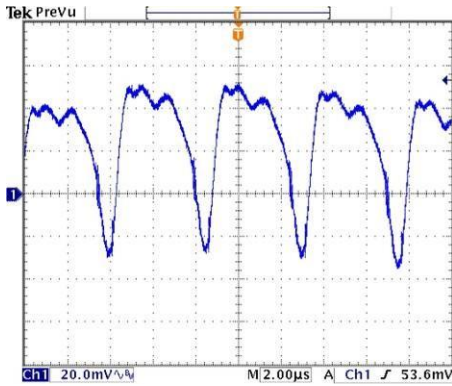
Derating Output Load versus Ambient Temperature with iron base-plate and Airflow , Vin = Vin(nom)
(The base-plate dimension is 19" * 3.5" * 0.063".
The height is EIA standard 2U.)



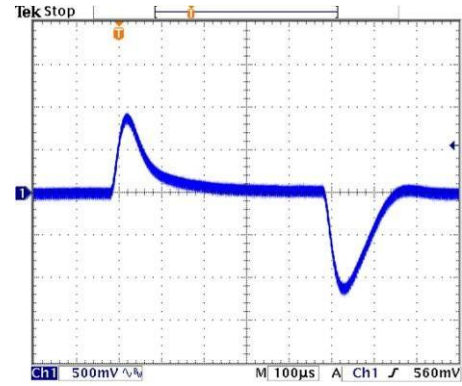
Derating Output Load Versus Ambient Temperature with iron base-plate , Heat-sink and Airflow , Vin = Vin(nom)
(The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U. Heat-sink is optional and P/N: 7G-0058A-F.)

Characteristic Curves (Continued)

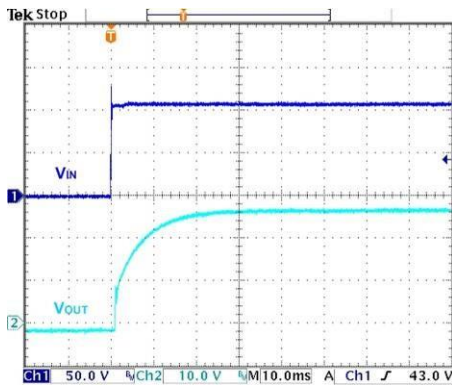
All test conditions are at 25°C. The figures are identical for WAF(D)150-110S28W



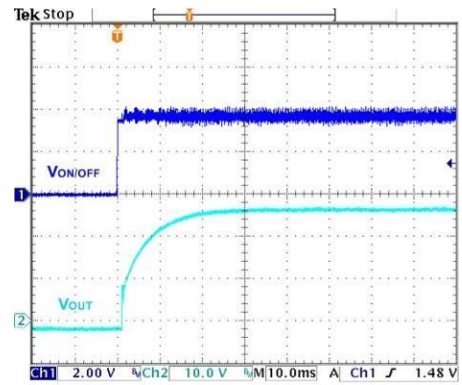
Typical Output Ripple and Noise.
 $V_{in} = V_{in(nom)}$, Full Load



Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load, $V_{in} = V_{in(nom)}$



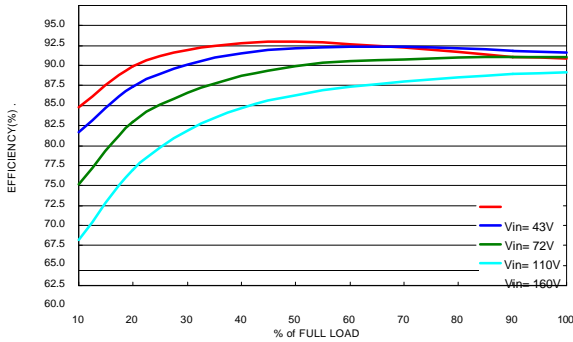
Typical Input Start-Up and Output Rise Characteristic
 $V_{in} = V_{in(nom)}$, Full Load



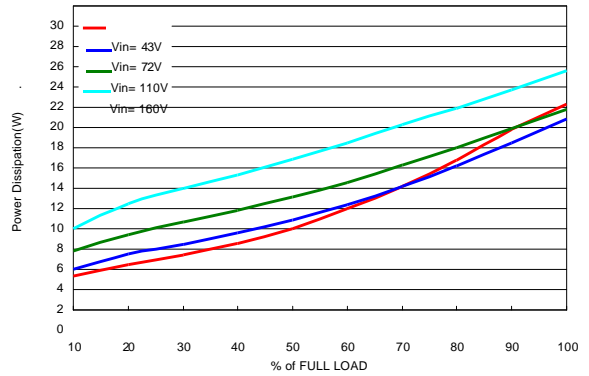
Using ON/OFF Voltage Start-Up and V_o Rise Characteristic
 $V_{in} = V_{in(nom)}$, Full Load

Characteristic Curves (Continued)

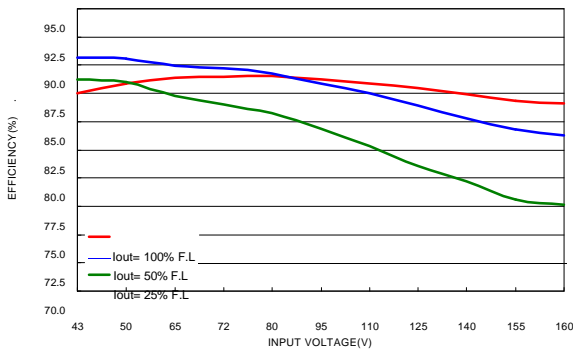
All test conditions are at 25°C. The figures are identical for WAF(D)150-110S48W



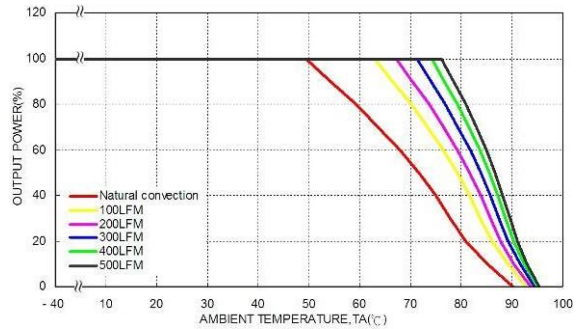
Efficiency versus Output Load



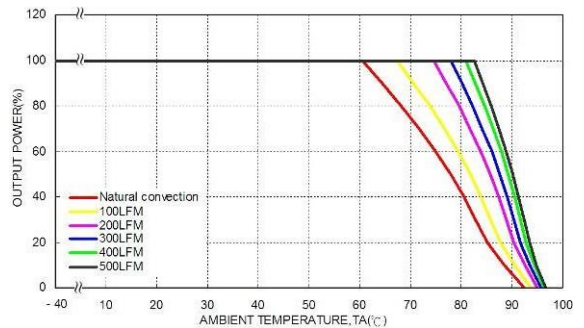
Power Dissipation versus Output Load



Efficiency versus Input Voltage. Full Load



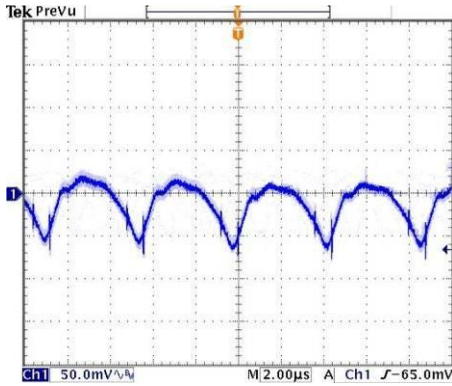
Derating Output Load versus Ambient Temperature with iron base-plate and Airflow , Vin = Vin(nom) (The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U.)



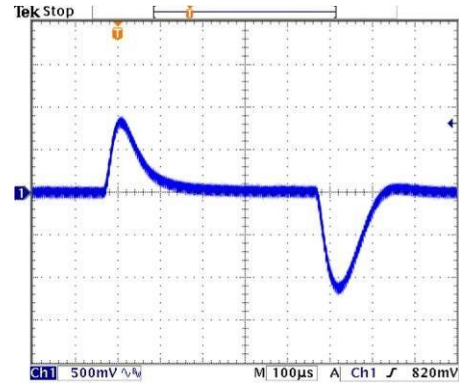
Derating Output Load Versus Ambient Temperature with iron base-plate , Heat-sink and Airflow , Vin = Vin(nom) (The base-plate dimension is 19" * 3.5" * 0.063". The height is EIA standard 2U. Heat-sink is optional and P/N: 7G-0058A-F.)

Characteristic Curves (Continued)

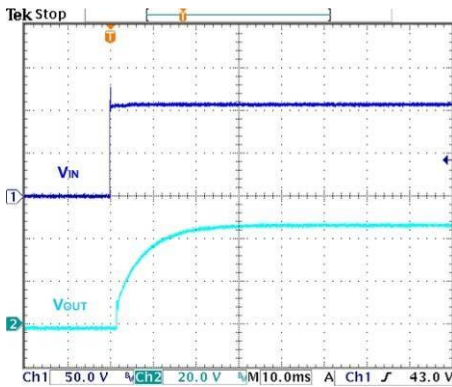
All test conditions are at 25°C. The figures are identical for WAF(D)150-110S48W



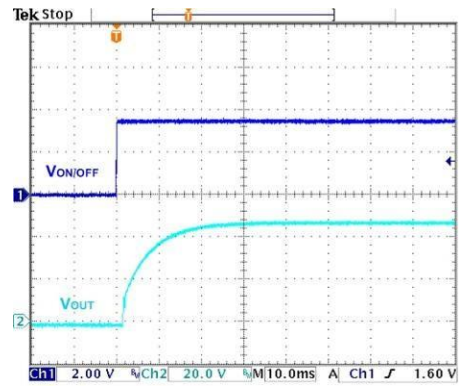
Typical Output Ripple and Noise.
 $V_{in} = V_{in(nom)}$, Full Load



Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load, $V_{in} = V_{in(nom)}$



Typical Input Start-Up and Output Rise Characteristic
 $V_{in} = V_{in(nom)}$, Full Load



Using ON/OFF Voltage Start-Up and V_o Rise Characteristic
 $V_{in} = V_{in(nom)}$, Full Load