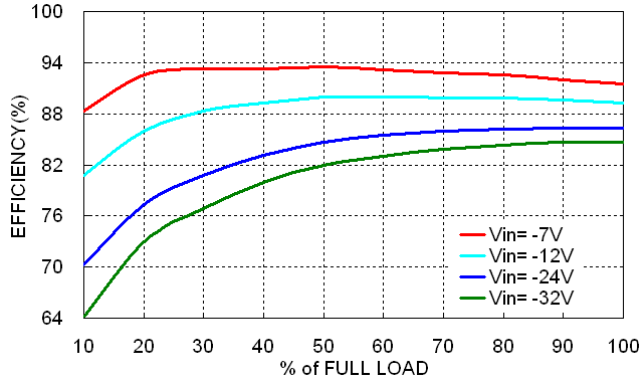
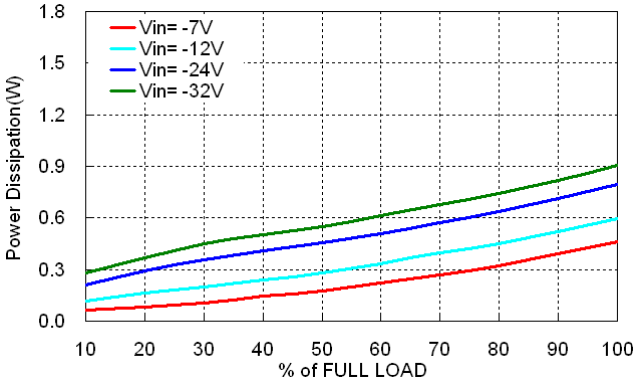
Characteristic Curves

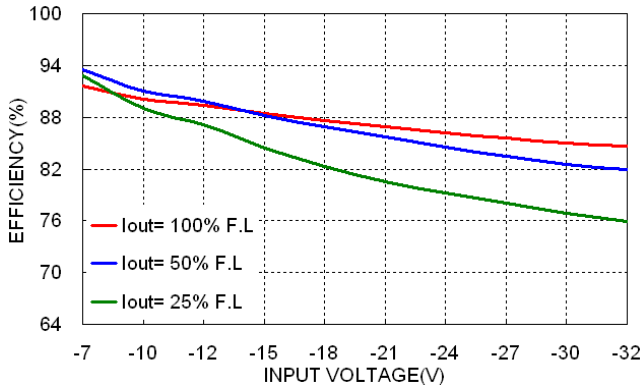
All test conditions are at 25℃.The figures are identical for ASR01-12S05



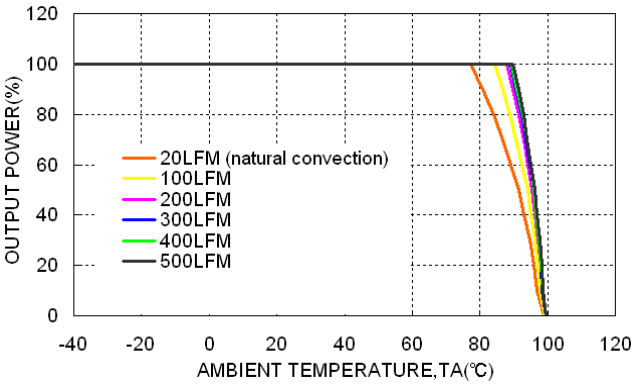
Efficiency versus Output Load
Vin=Vin(nom)



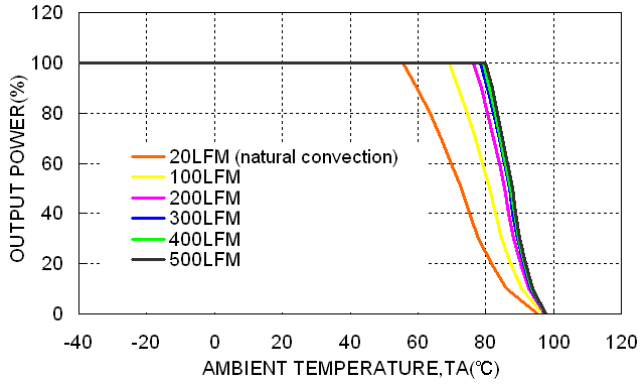
Power Dissipation versus Output Load
Vin=Vin(nom)



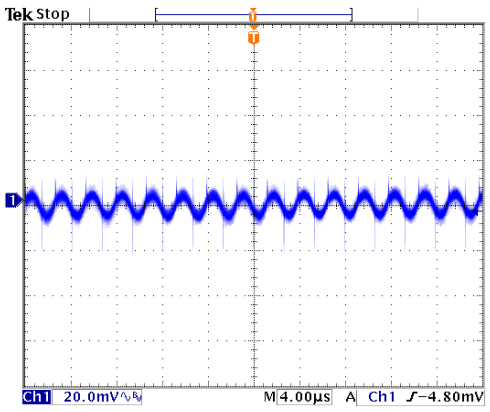
Efficiency versus Input Voltage
Full Load



Derating Output Load versus Ambient Temperature and Airflow
Vin=Vin(low)



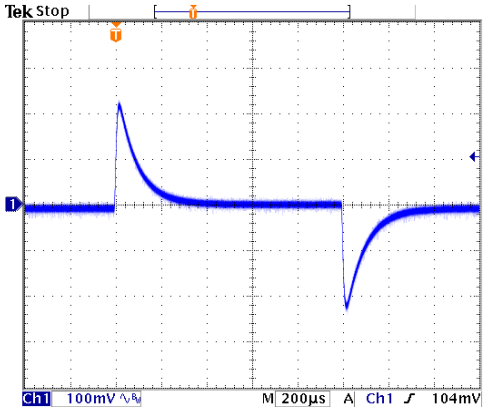
Derating Output Load versus Ambient Temperature and Airflow
Vin=Vin(high)



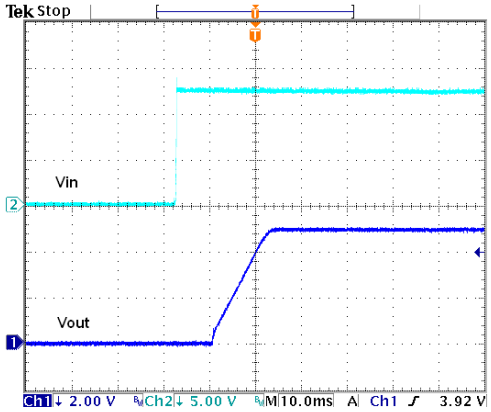
Typical Output Ripple and Noise.
Vin=Vin(nom); Full Load

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for ASR01-12S05



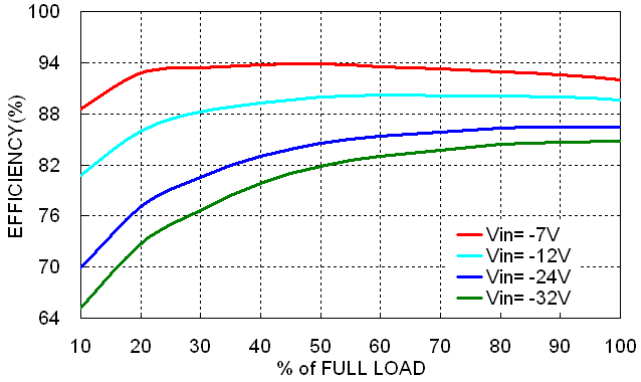
Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load; Vin=Vin(nom)



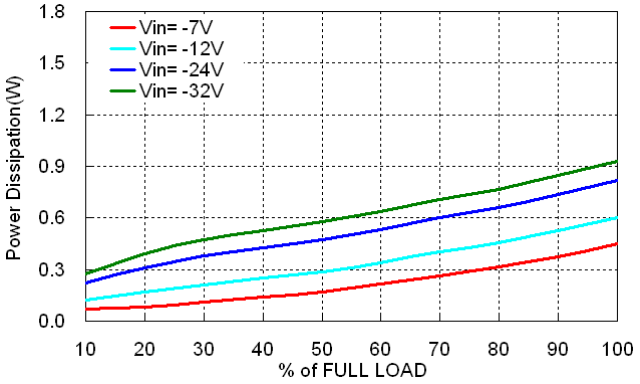
Typical Input Start-Up and Output Rise Characteristic Vin=Vin(nom); Full Load

Characteristic Curves (Continued)

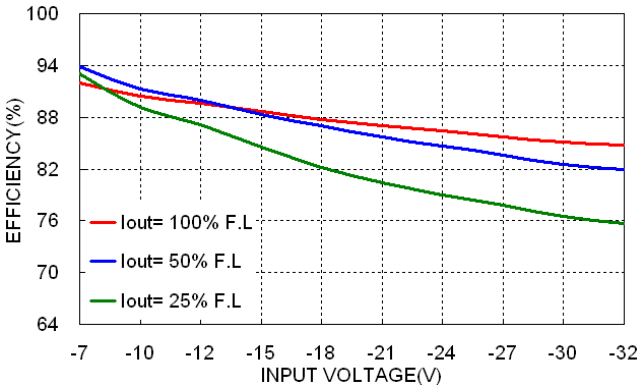
All test conditions are at 25℃.The figures are identical for ASR01-12S5P2



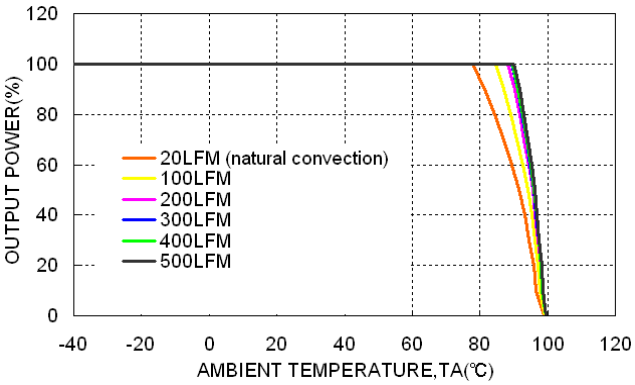
Efficiency versus Output Load
Vin=Vin(nom)



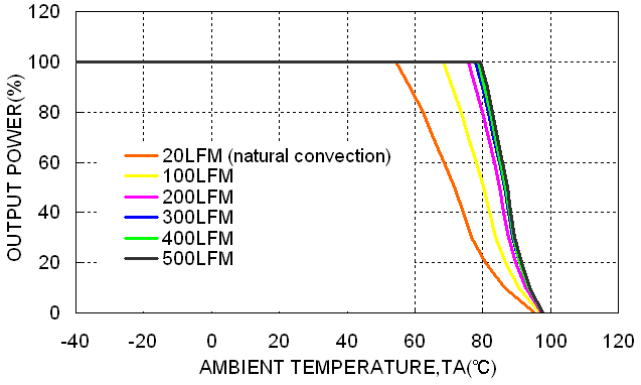
Power Dissipation versus Output Load
Vin=Vin(nom)



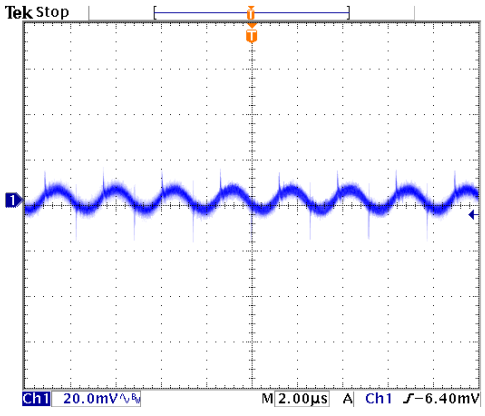
Efficiency versus Input Voltage
Full Load



Derating Output Load versus Ambient Temperature and Airflow
Vin=Vin(low)



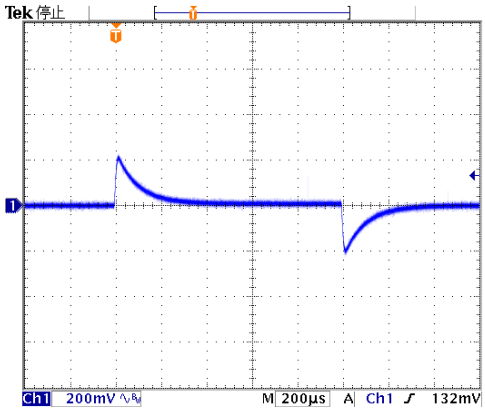
Derating Output Load versus Ambient Temperature and Airflow
Vin=Vin(high)



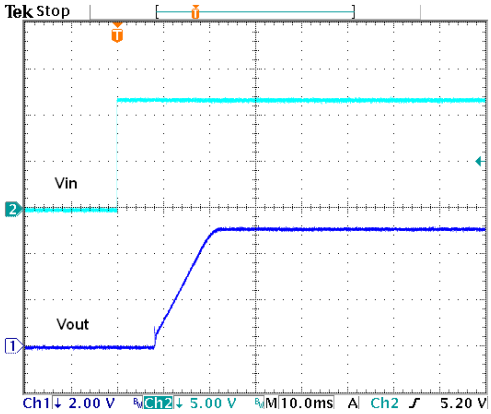
Typical Output Ripple and Noise.
Vin=Vin(nom); Full Load

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for ASR01-12S5P2



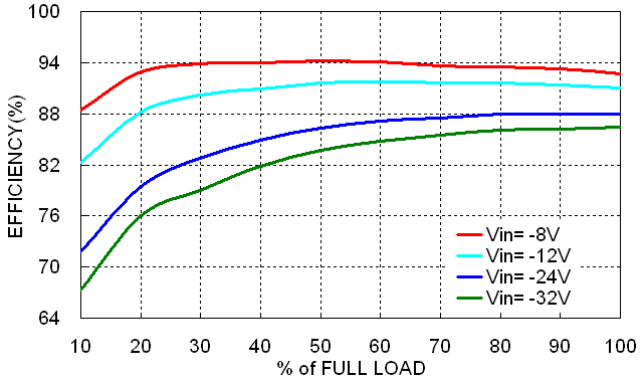
Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load; Vin=Vin(nom)



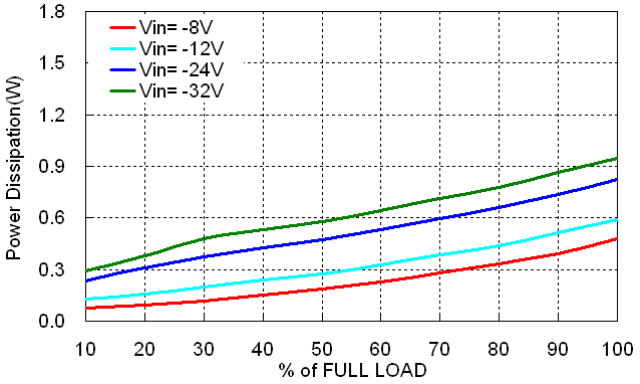
Typical Input Start-Up and Output Rise Characteristic Vin=Vin(nom); Full Load

Characteristic Curves (Continued)

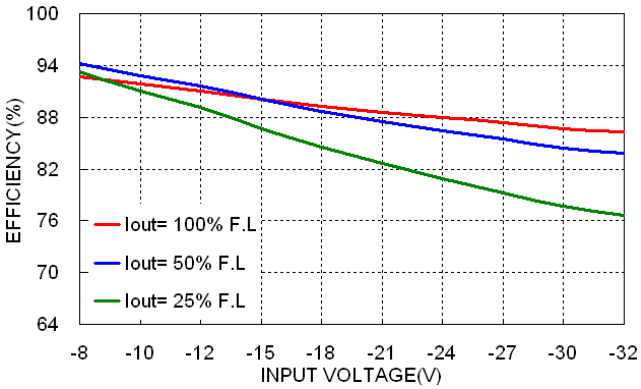
All test conditions are at 25℃.The figures are identical for ASR01-12S06



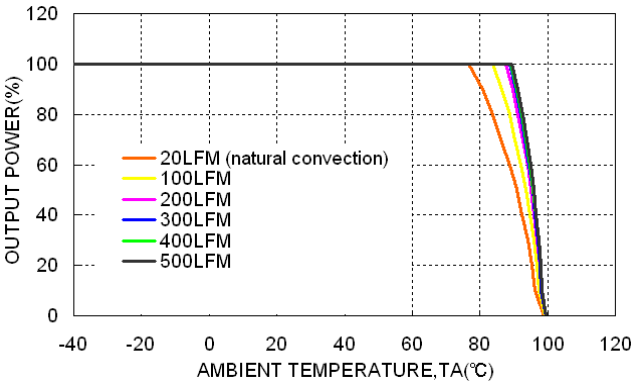
Efficiency versus Output Load
Vin=Vin(nom)



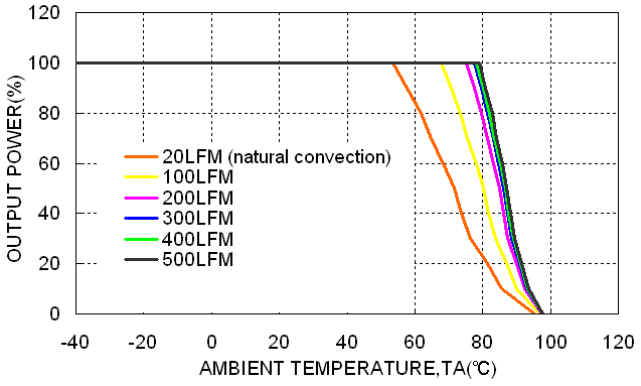
Power Dissipation versus Output Load
Vin=Vin(nom)



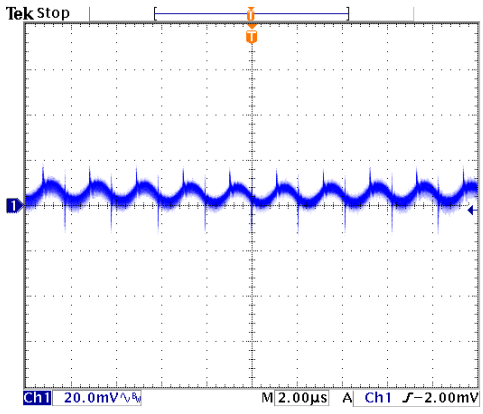
Efficiency versus Input Voltage
Full Load



Derating Output Load versus Ambient Temperature and Airflow
Vin=Vin(low)



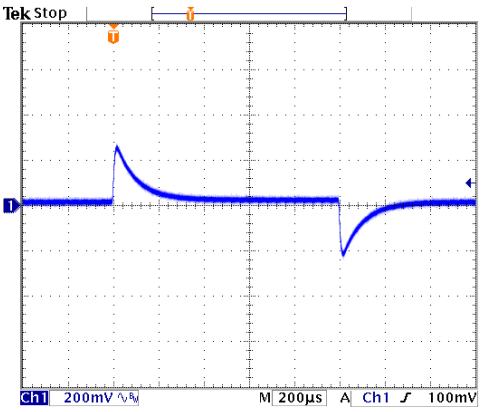
Derating Output Load versus Ambient Temperature and Airflow
Vin=Vin(high)



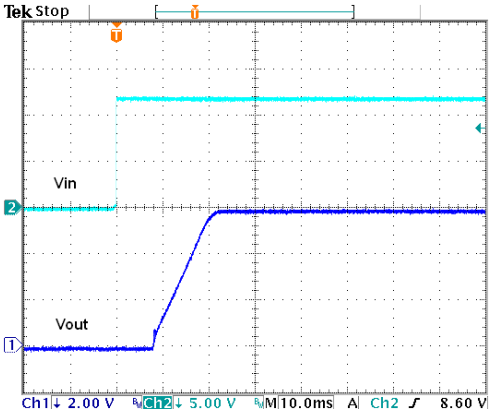
Typical Output Ripple and Noise.
Vin=Vin(nom); Full Load

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for ASR01-12S06



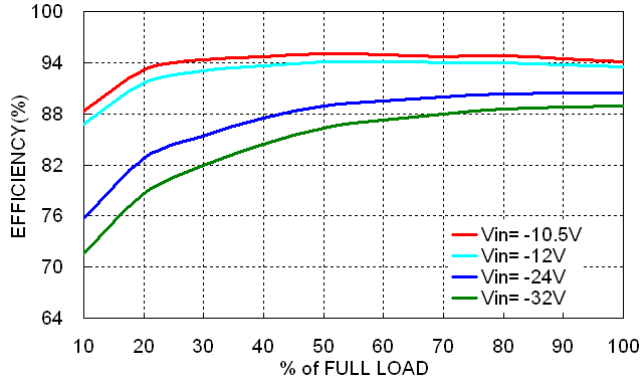
Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load; Vin=Vin(nom)



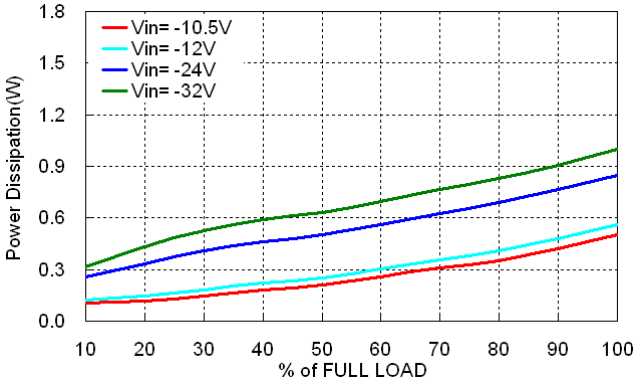
Typical Input Start-Up and Output Rise Characteristic Vin=Vin(nom); Full Load

Characteristic Curves (Continued)

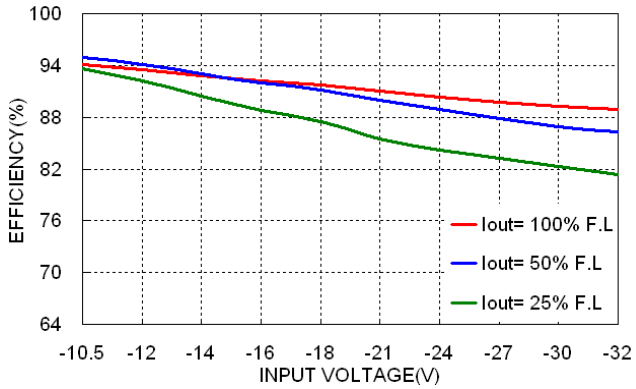
All test conditions are at 25℃.The figures are identical for ASR01-12S08



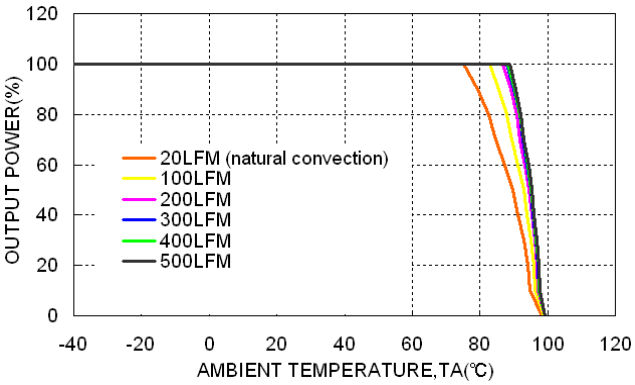
Efficiency versus Output Load
Vin=Vin(nom)



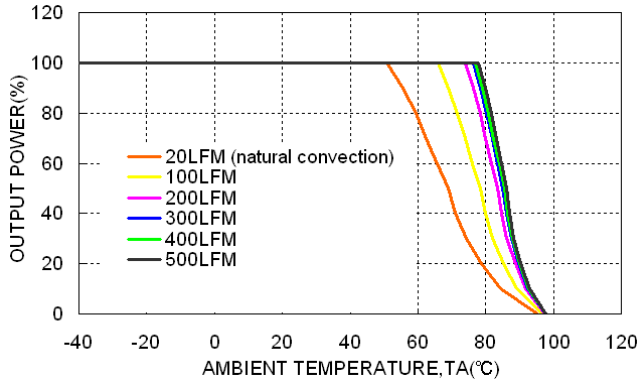
Power Dissipation versus Output Load
Vin=Vin(nom)



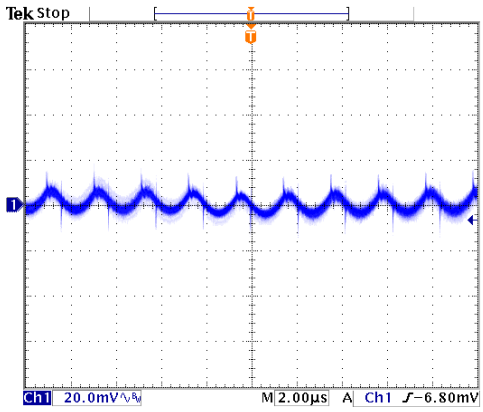
Efficiency versus Input Voltage
Full Load



Derating Output Load versus Ambient Temperature and Airflow
Vin=Vin(low)



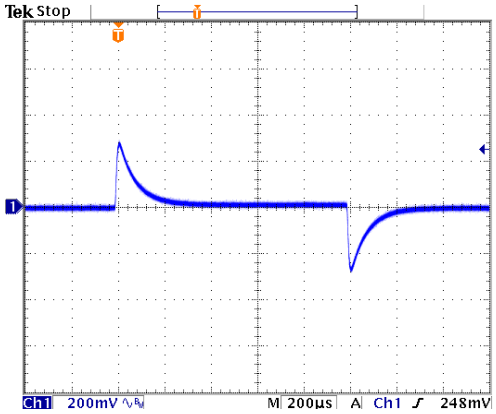
Derating Output Load versus Ambient Temperature and Airflow
Vin=Vin(high)



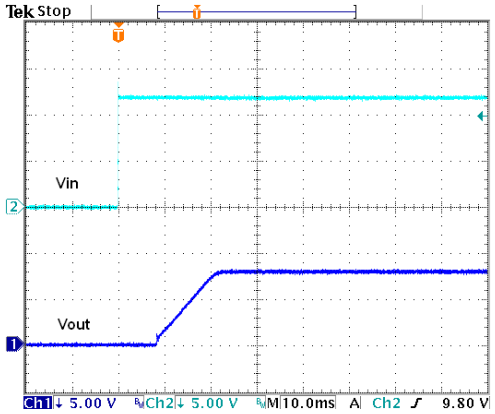
Typical Output Ripple and Noise.
Vin=Vin(nom); Full Load

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for ASR01-12S08



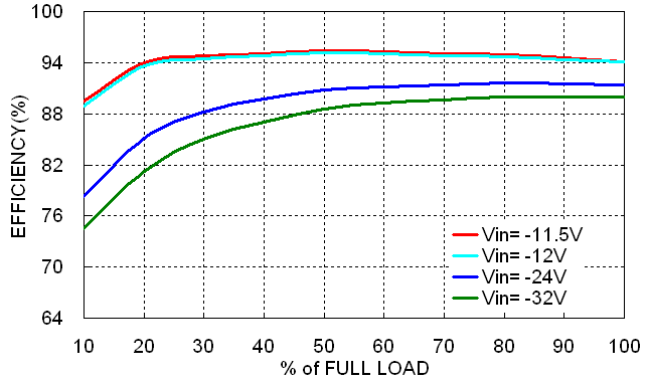
Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load; Vin=Vin(nom)



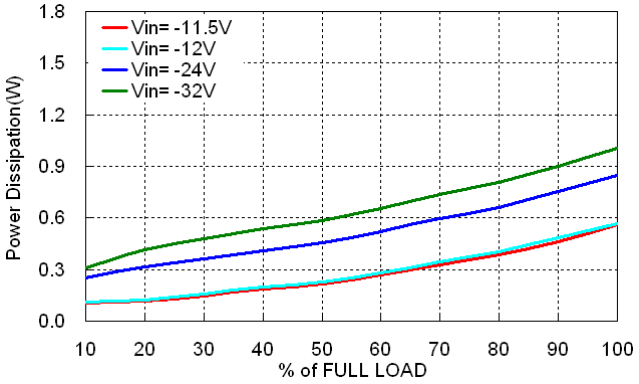
Typical Input Start-Up and Output Rise Characteristic Vin=Vin(nom); Full Load

Characteristic Curves (Continued)

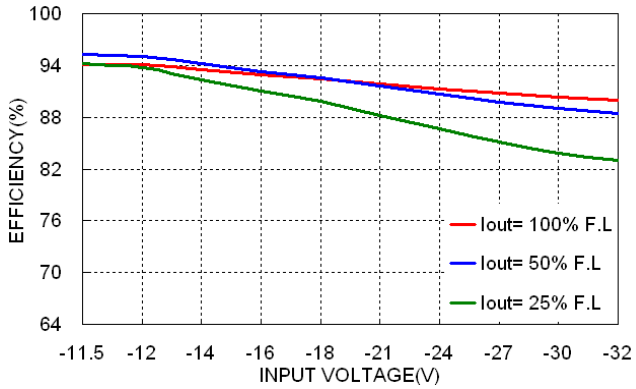
All test conditions are at 25℃.The figures are identical for ASR01-24S09



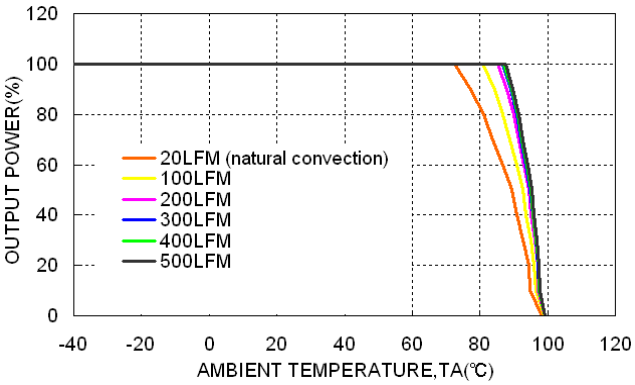
Efficiency versus Output Load
Vin=Vin(nom)



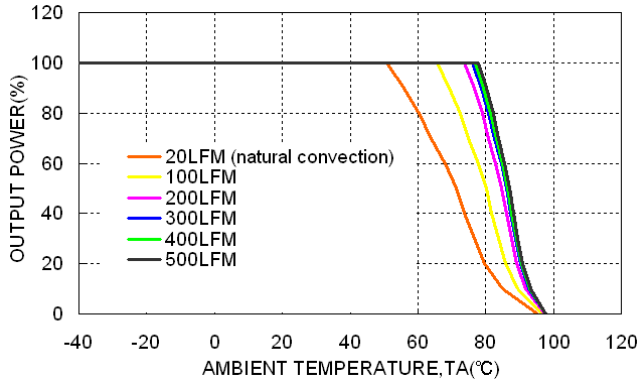
Power Dissipation versus Output Load
Vin=Vin(nom)



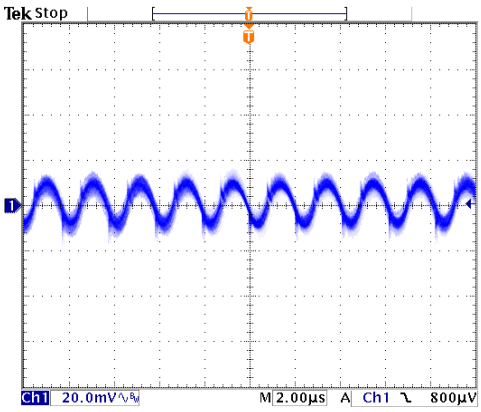
Efficiency versus Input Voltage
Full Load



Derating Output Load versus Ambient Temperature and Airflow
Vin=Vin(low)



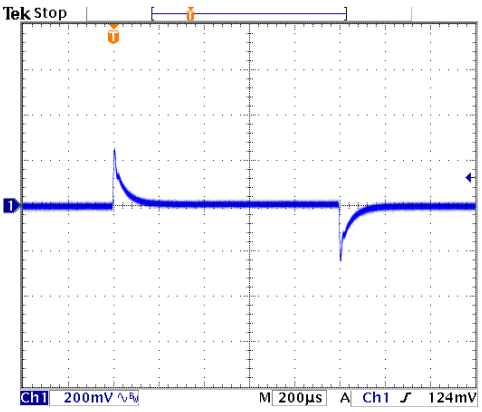
Derating Output Load versus Ambient Temperature and Airflow
Vin=Vin(high)



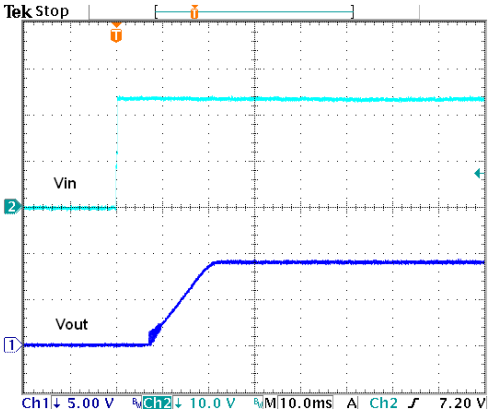
Typical Output Ripple and Noise.
Vin=Vin(nom); Full Load

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for ASR01-24S09



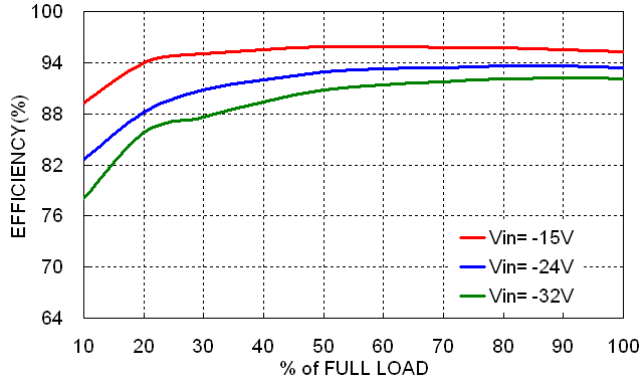
Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load; Vin=Vin(nom)



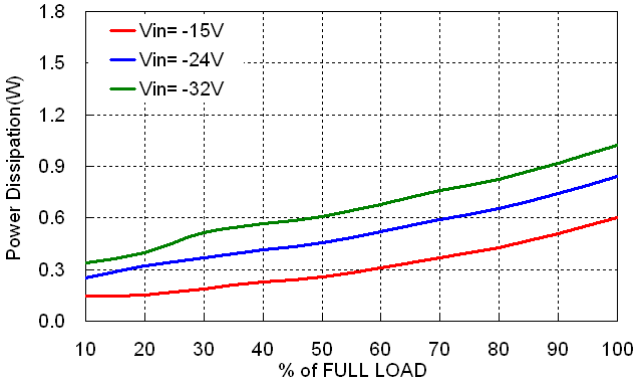
Typical Input Start-Up and Output Rise Characteristic Vin=Vin(nom); Full Load

Characteristic Curves (Continued)

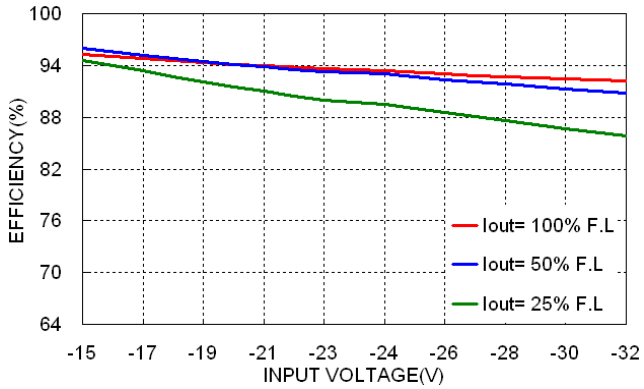
All test conditions are at 25℃.The figures are identical for ASR01-24S12



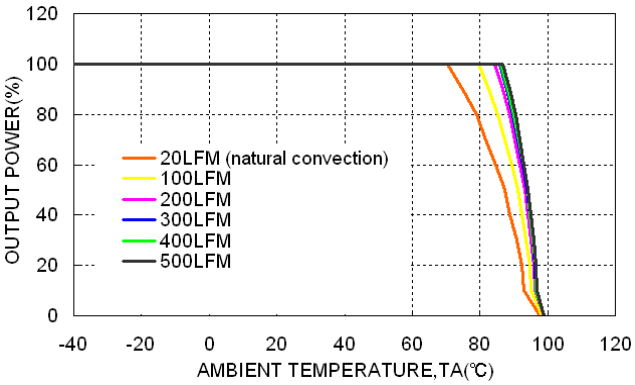
Efficiency versus Output Load
Vin=Vin(nom)



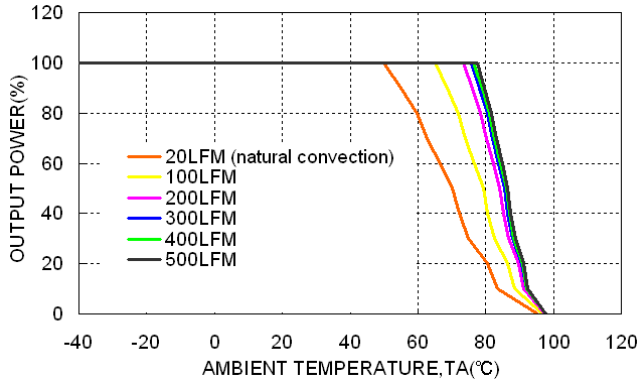
Power Dissipation versus Output Load
Vin=Vin(nom)



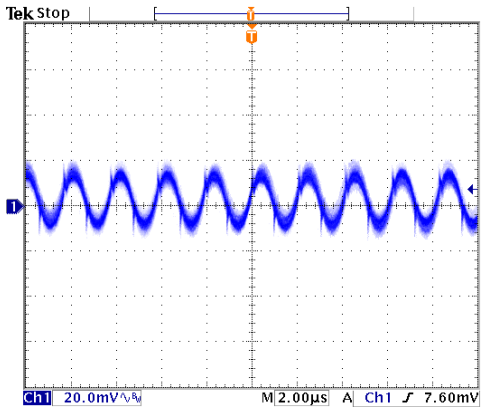
Efficiency versus Input Voltage
Full Load



Derating Output Load versus Ambient Temperature and Airflow
Vin=Vin(low)



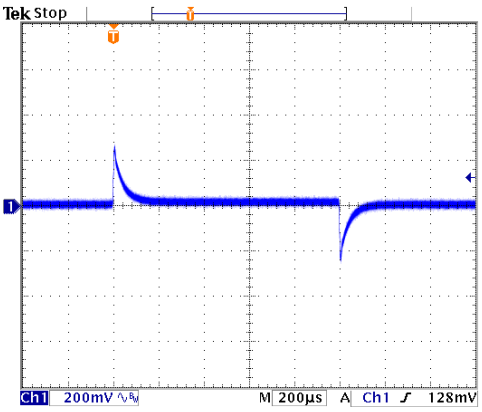
Derating Output Load versus Ambient Temperature and Airflow
Vin=Vin(high)



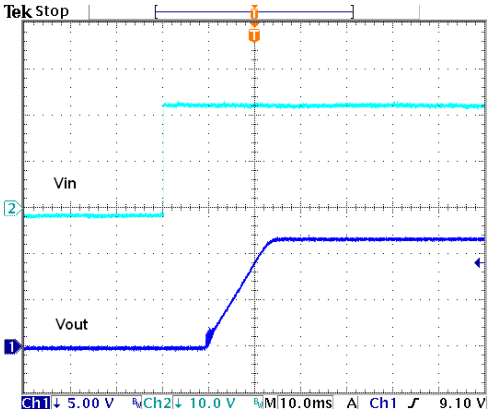
Typical Output Ripple and Noise.
Vin=Vin(nom); Full Load

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for ASR01-24S12



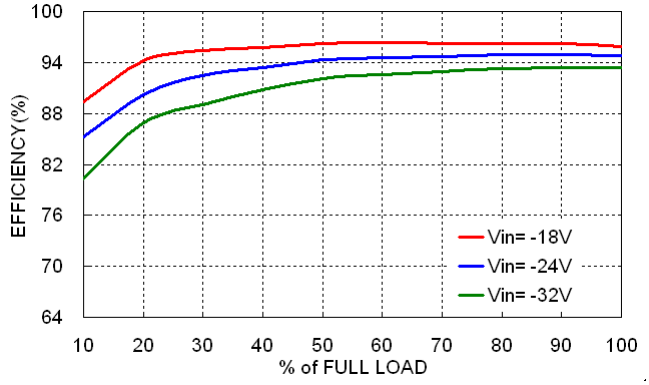
Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load; Vin=Vin(nom)



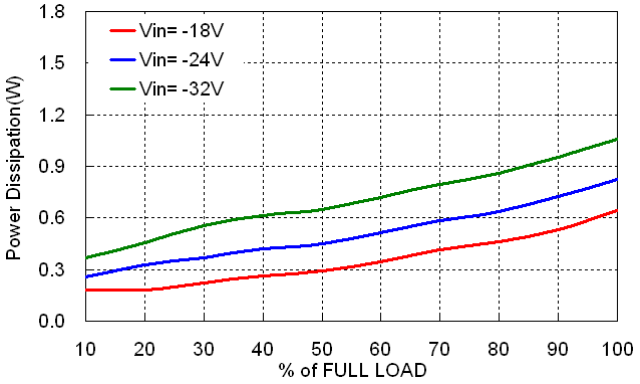
Typical Input Start-Up and Output Rise Characteristic Vin=Vin(nom); Full Load

Characteristic Curves (Continued)

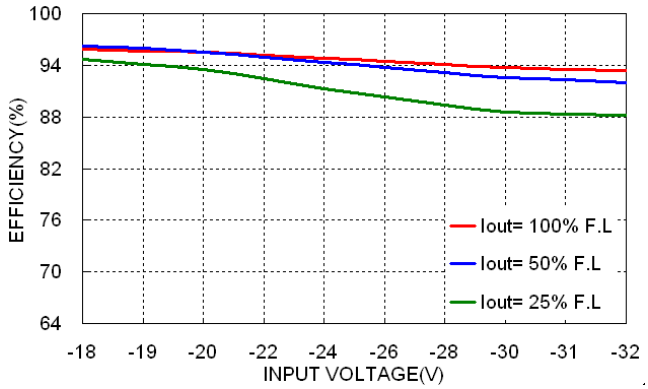
All test conditions are at 25℃.The figures are identical for ASR01-24S15



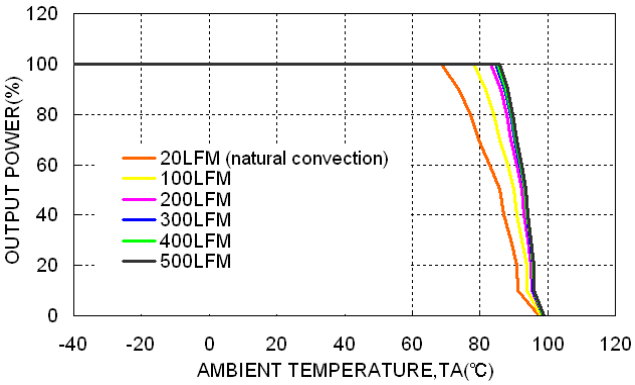
Efficiency versus Output Load
Vin=Vin(nom)



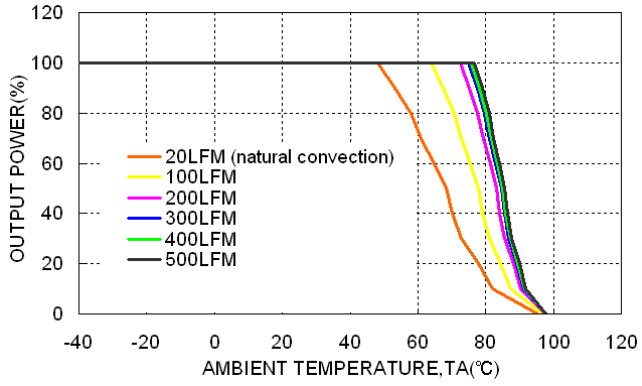
Power Dissipation versus Output Load
Vin=Vin(nom)



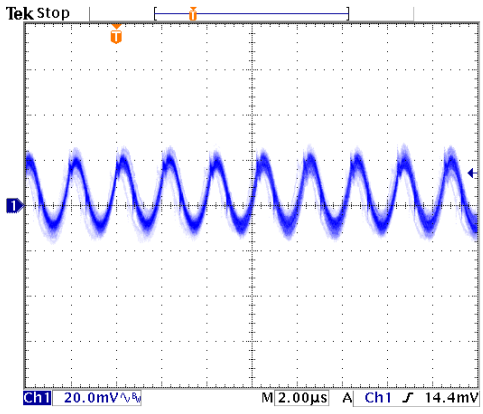
Efficiency versus Input Voltage
Full Load



Derating Output Load versus Ambient Temperature and Airflow
Vin=Vin(low)



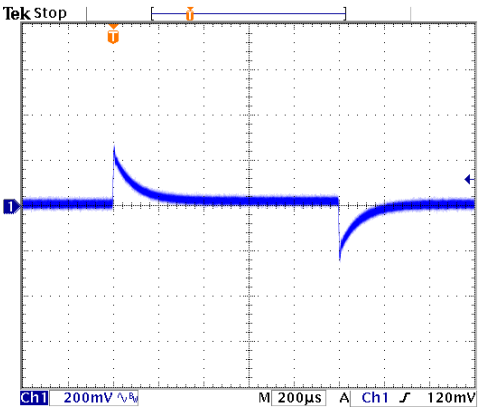
Derating Output Load versus Ambient Temperature and Airflow
Vin=Vin(high)



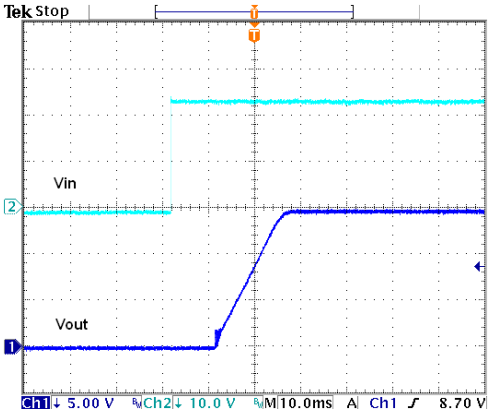
Typical Output Ripple and Noise.
Vin=Vin(nom); Full Load

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for ASR01-24S15



Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load; Vin=Vin(nom)



Typical Input Start-Up and Output Rise Characteristic Vin=Vin(nom); Full Load