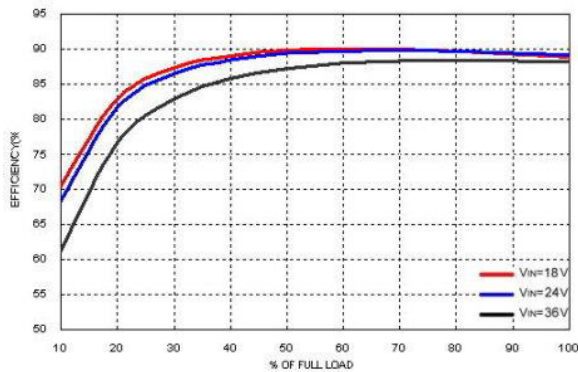# ▌▌ TRACO POWER

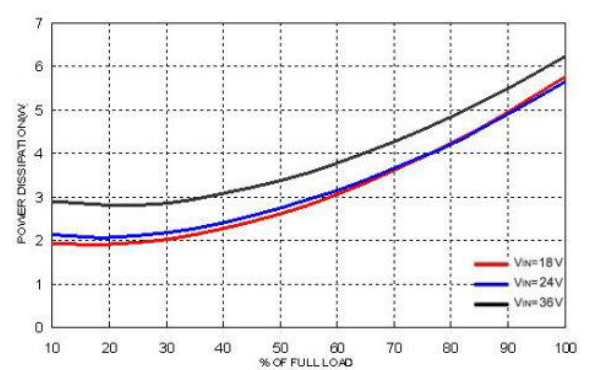## Characteristic Curves
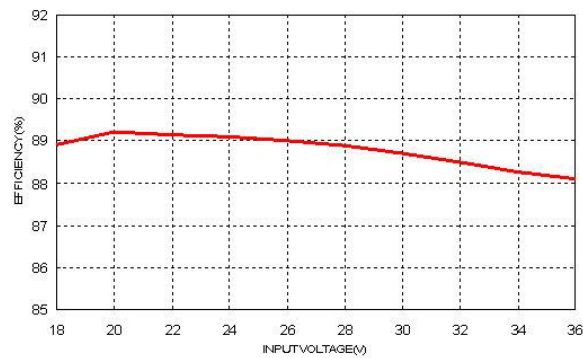
TEN 60-2410

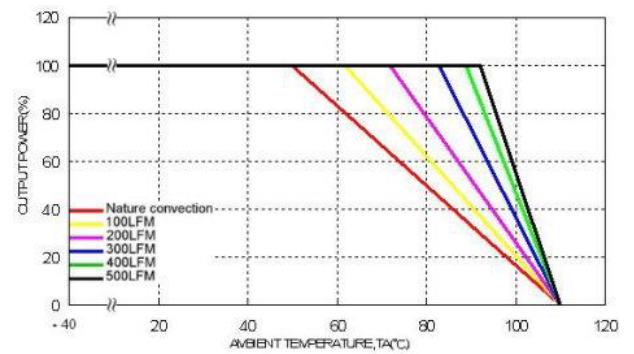Efficiency versus Output Load
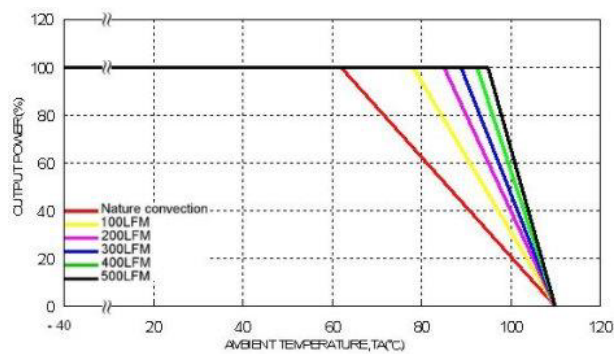

Power Dissipation versus Output Load

Efficiency versus Input Voltage

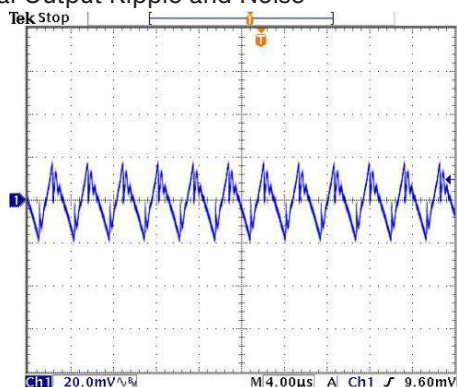Derating Output Load versus Ambient Temperature without Heatsink

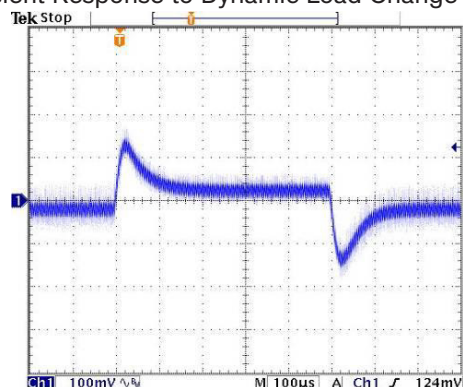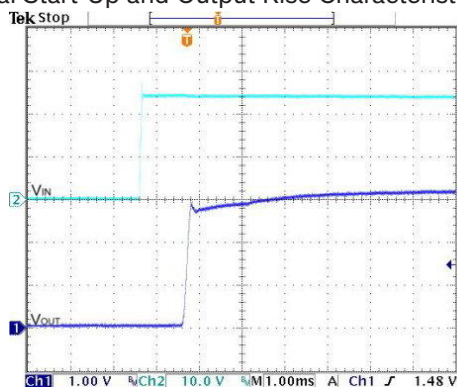Derating Output Load versus Ambient Temperature with Heatsink TEN-HS3

TEN 60-2410

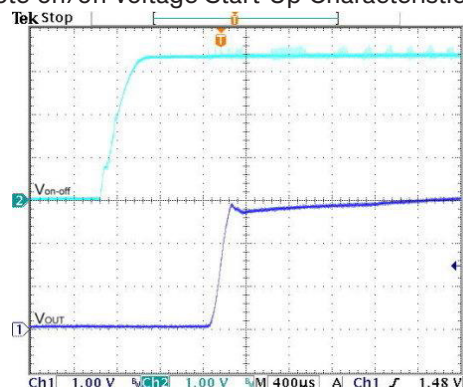### Typical Output Ripple and Noise

Transient Response to Dynamic Load Change (25%)

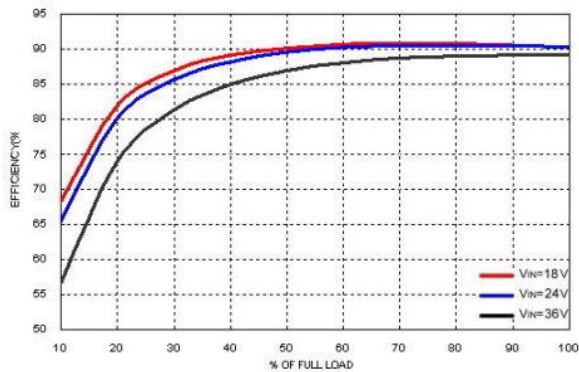### Typical Start-Up and Output Rise Characteristic

Remote on/off Voltage Start-Up Characteristic

![TRACO POWER]

TEN 60-2411

Efficiency versus Output Load

Efficiency versus Input Voltage

Derating Output Load versus Ambient Temperature with Heatsink TEN-HS3

Power Dissipation versus Output Load

Derating Output Load versus Ambient Temperature without Heatsink

TEN 60-2411

Typical Output Ripple and Noise

Transient Response to Dynamic Load Change (25%)

Typical Start-Up and Output Rise Characteristic
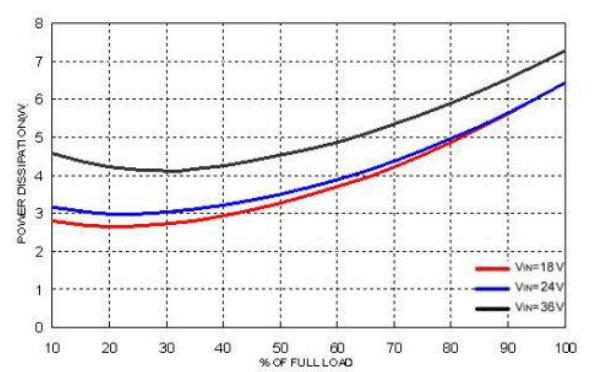

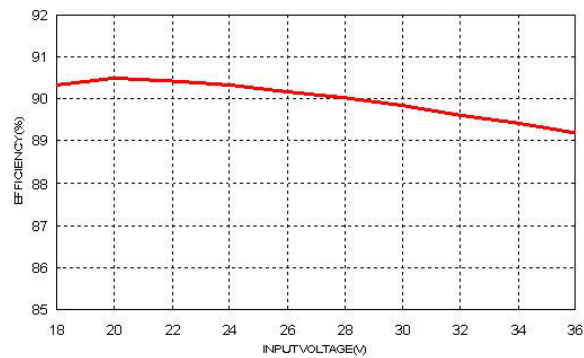Remote on/off Voltage Start-Up Characteristic

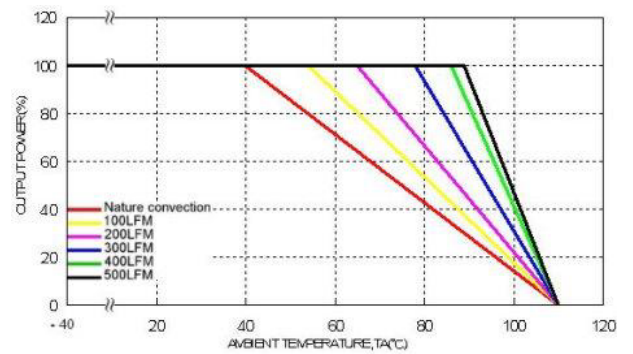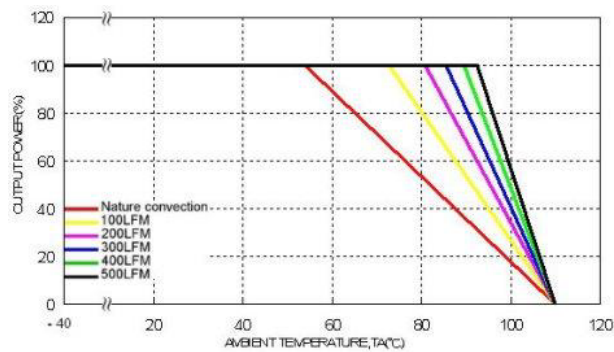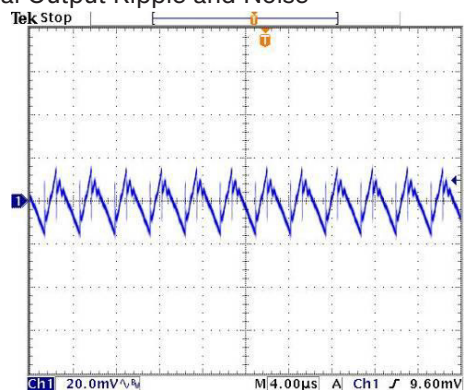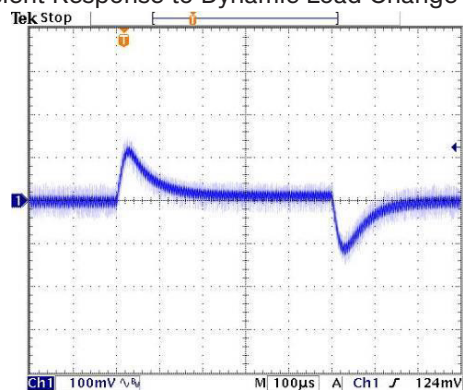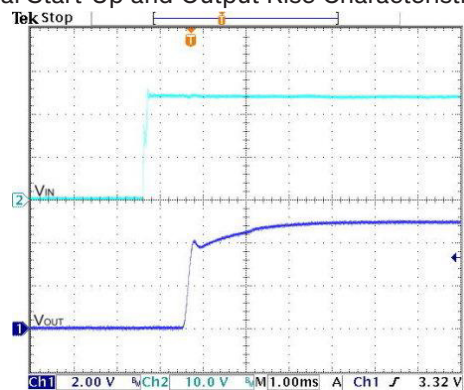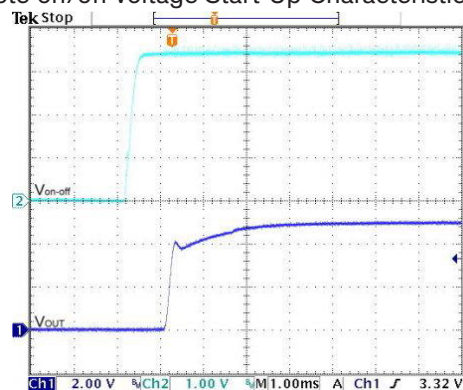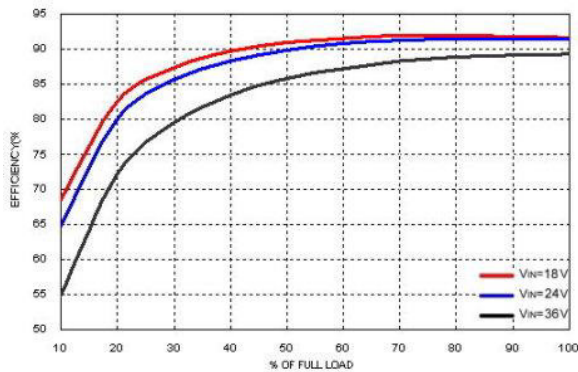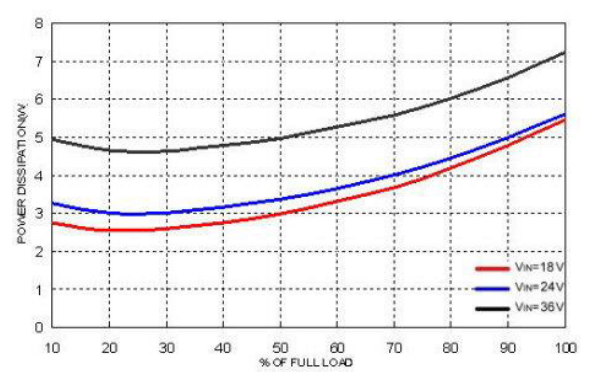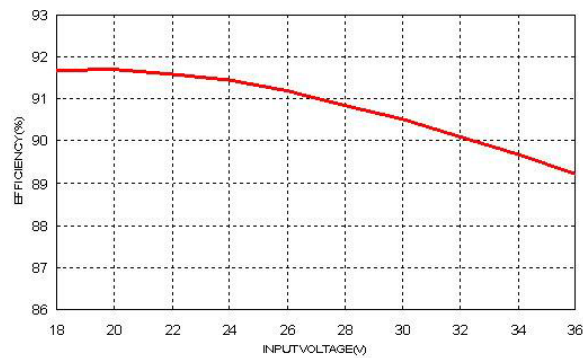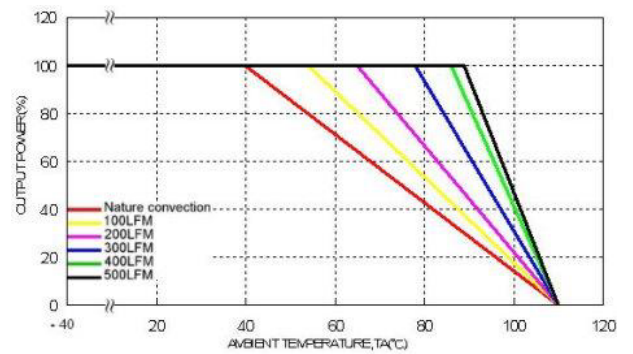## TEN 60-2412

Efficiency versus Output Load

Efficiency versus Input Voltage
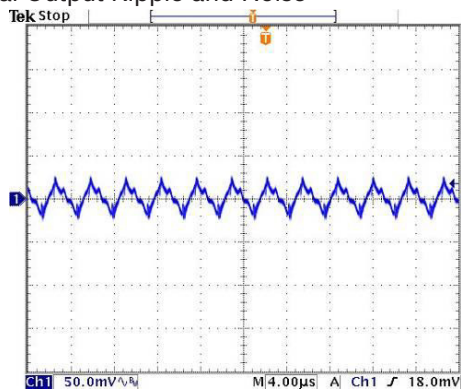

Derating Output Load versus Ambient Temperature
with Heatsink TEN-HS3

Power Dissipation versus Output Load

Derating Output Load versus Ambient Temperature
without Heatsink

TRACO POWER

TEN 60-2412

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

Transient Response to Dynamic Load Change (25%)

Remote on/off Voltage Start-Up Characteristic

▌▌TRACO POWER

TEN 60-2413

Efficiency versus Output Load

Efficiency versus Input Voltage

Derating Output Load versus Ambient Temperature
with Heatsink TEN-HS3

Power Dissipation versus Output Load

Derating Output Load versus Ambient Temperature
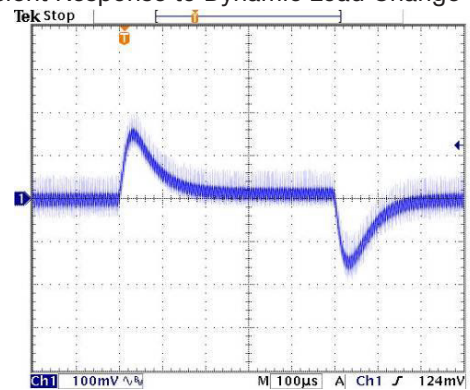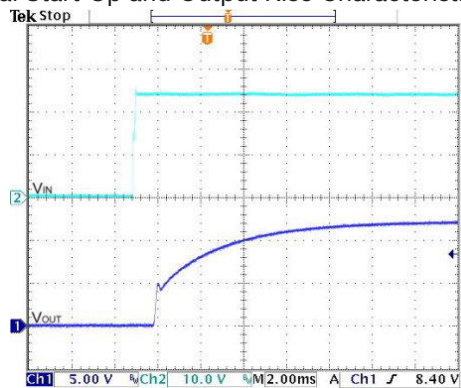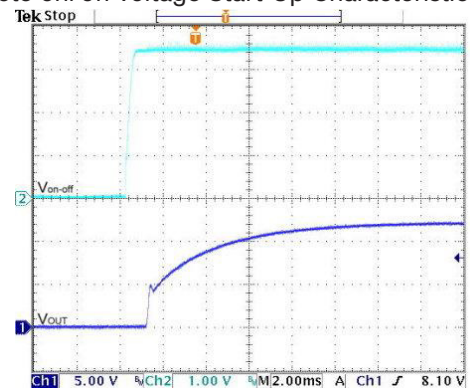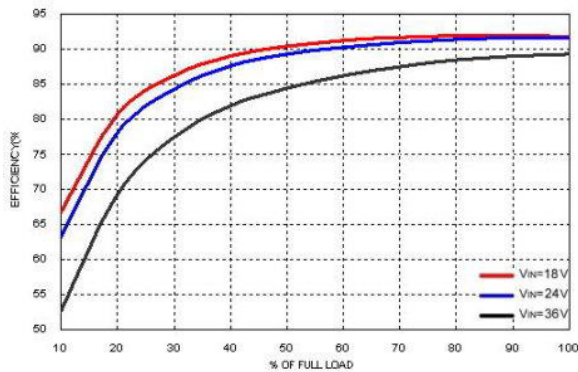without Heatsink

TRACO POWER

TEN 60-2413

Typical Output Ripple and Noise

Transient Response to Dynamic Load Change (25%)

Typical Start-Up and Output Rise Characteristic

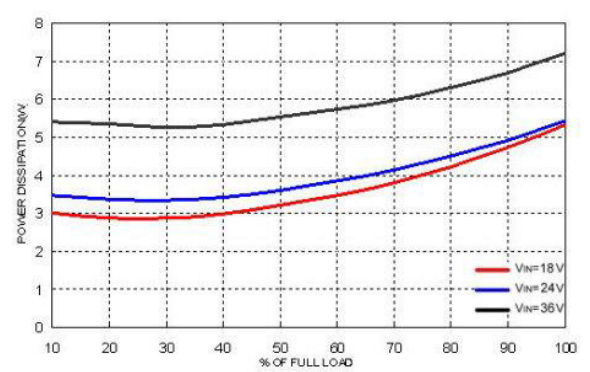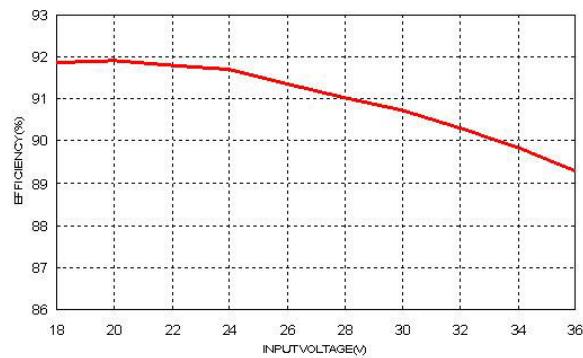### Remote on/off Voltage Start-Up Characteristic
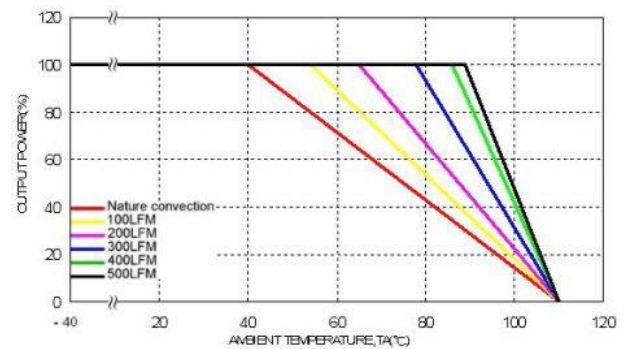
TEN 60-2415

Efficiency versus Output Load

Efficiency versus Input Voltage
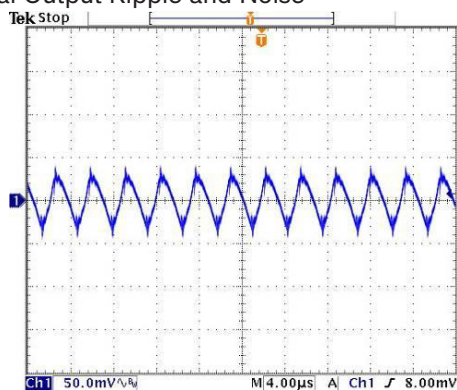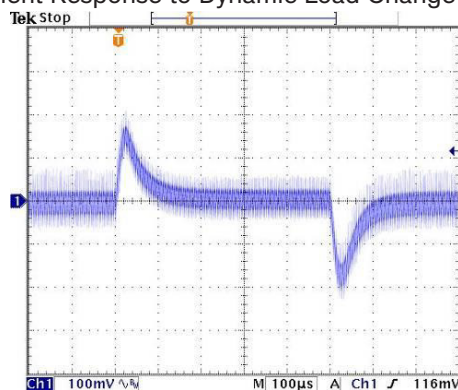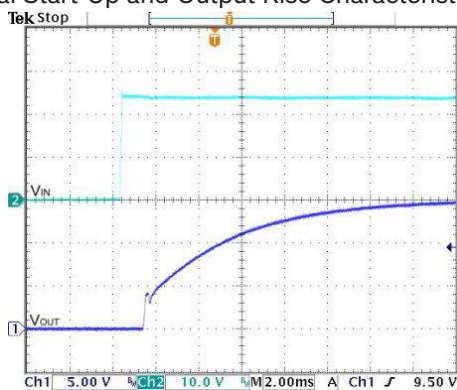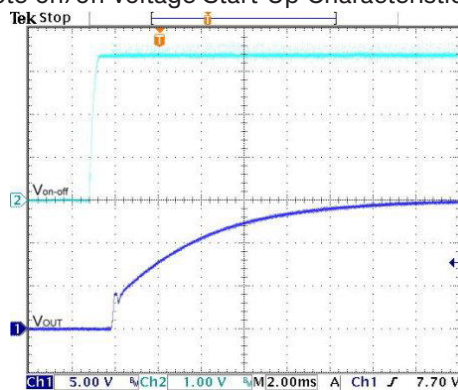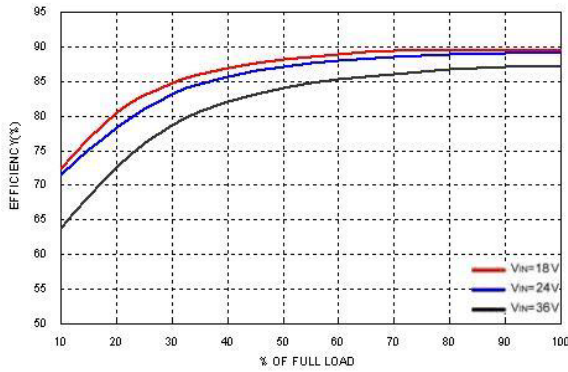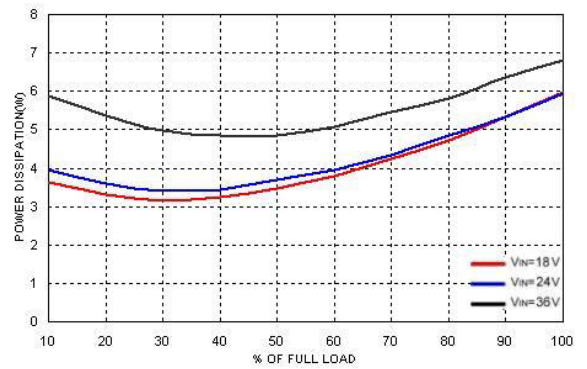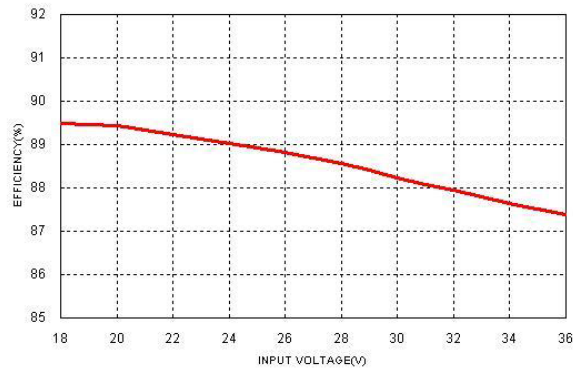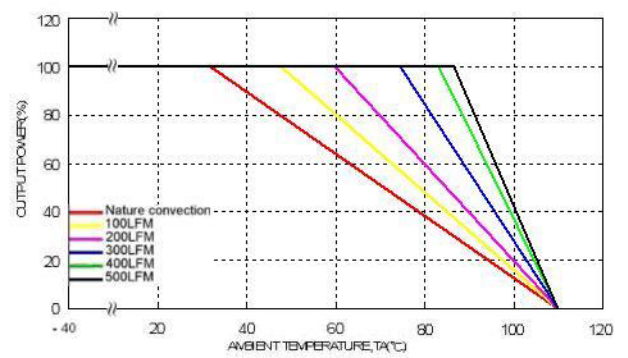

Derating Output Load versus Ambient Temperature with Heatsink TEN-HS3
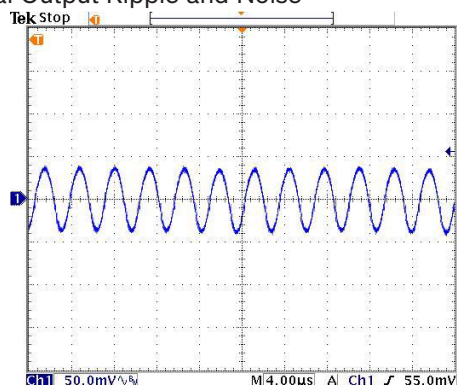

Power Dissipation versus Output Load

Derating Output Load versus Ambient Temperature without Heatsink

TEN 60-2415

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

Transient Response to Dynamic Load Change (25%)

Remote on/off Voltage Start-Up Characteristic

TEN 60-4810

Efficiency versus Output Load

Efficiency versus Input Voltage

Derating Output Load versus Ambient Temperature with Heatsink TEN-HS3

Power Dissipation versus Output Load

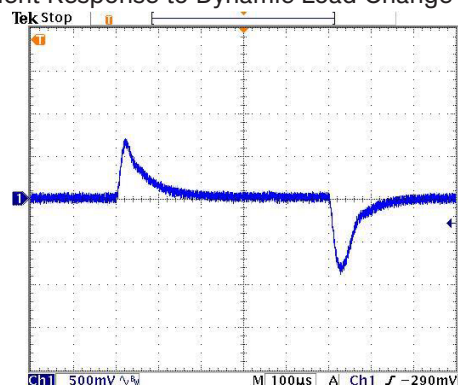### Derating Output Load versus Ambient Temperature without Heatsink
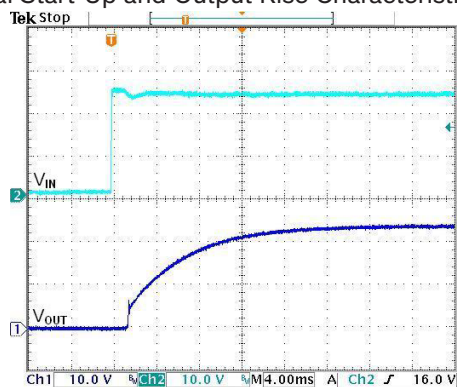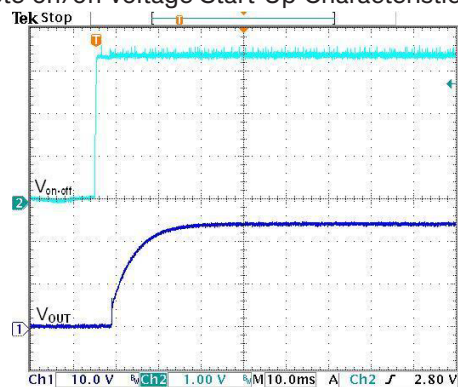
TEN 60-4810

Typical Output Ripple and Noise

Transient Response to Dynamic Load Change (25%)
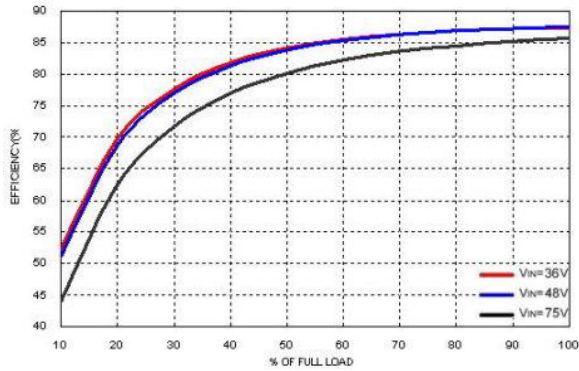

Typical Start-Up and Output Rise Characteristic

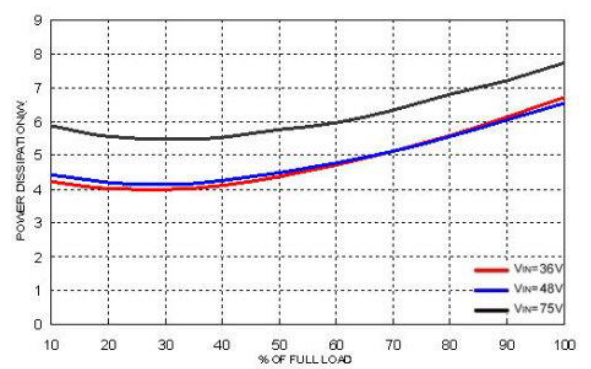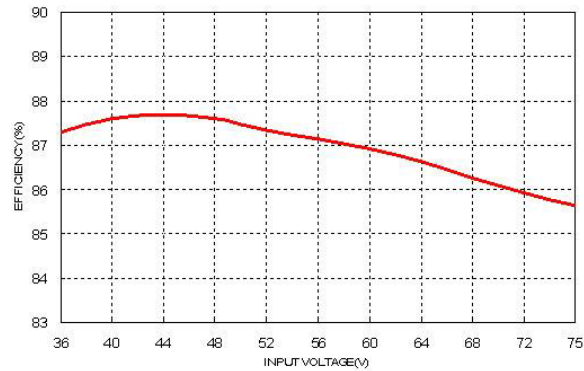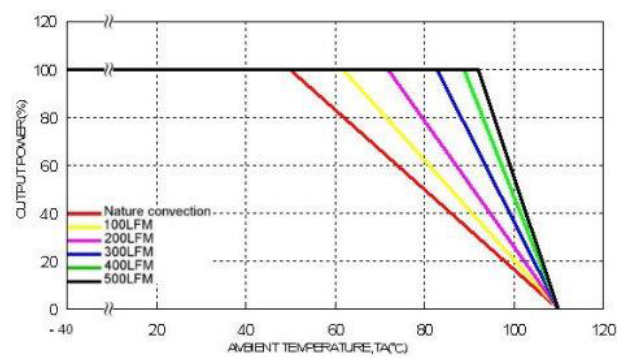Remote on/off Voltage Start-Up Characteristic

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TEN 60-4811

Efficiency versus Output Load
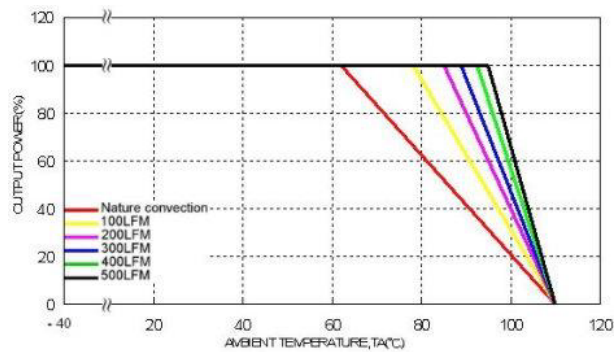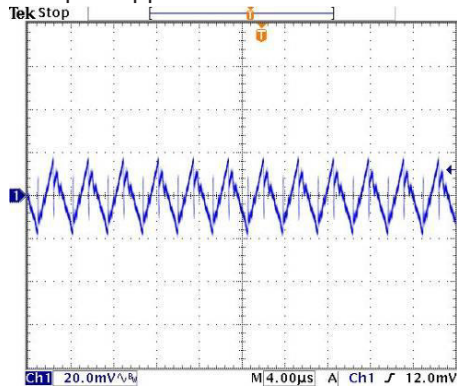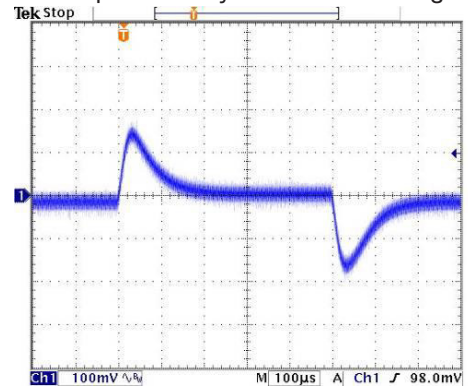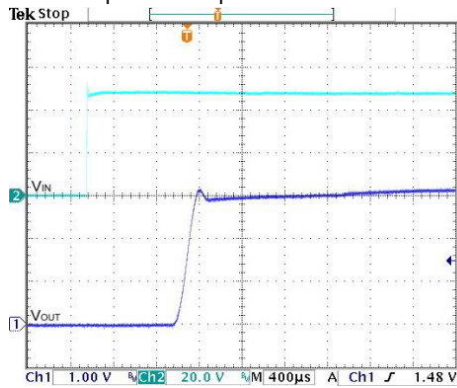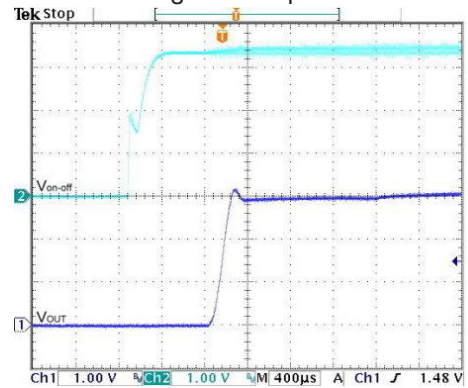

Efficiency versus Input Voltage

Power Dissipation versus Output Load

Derating Output Load versus Ambient Temperature without Heatsink

Derating Output Load versus Ambient Temperature with Heatsink TEN-HS3

TEN 60-4811

Typical Output Ripple and Noise

Transient Response to Dynamic Load Change (25%)
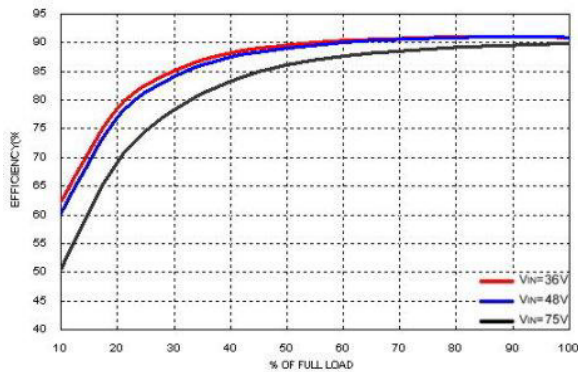

Typical Start-Up and Output Rise Characteristic

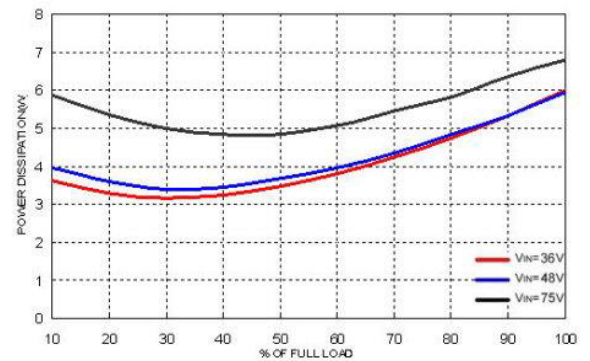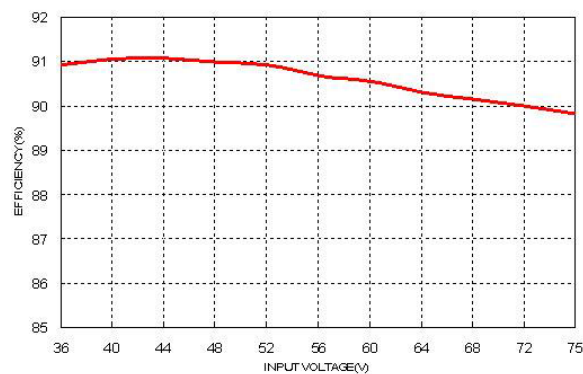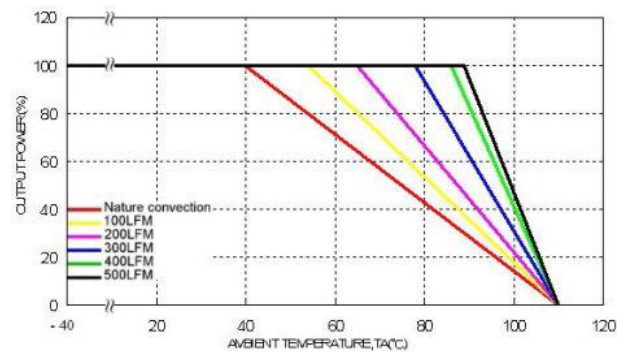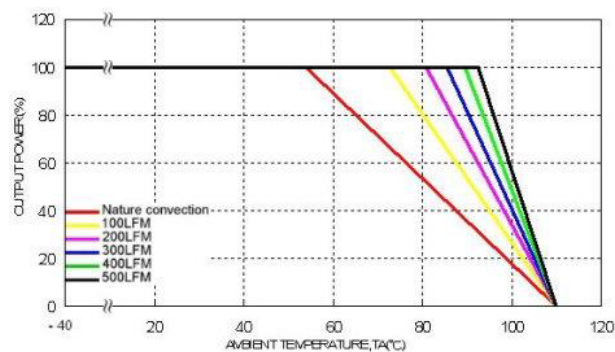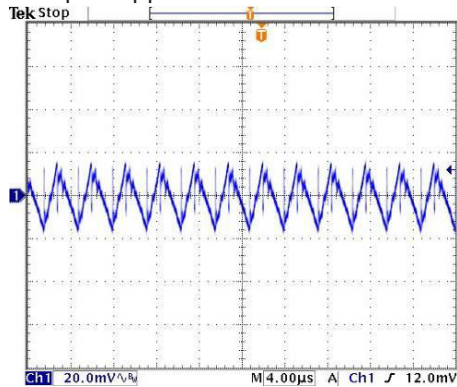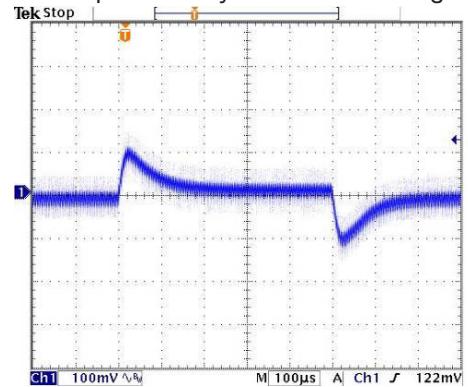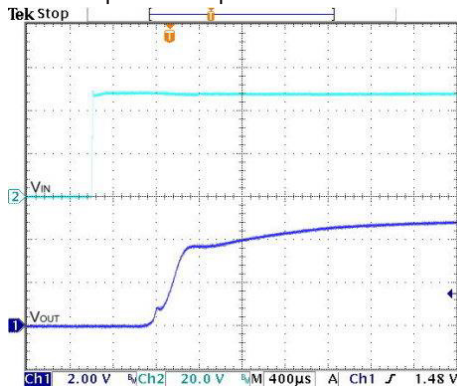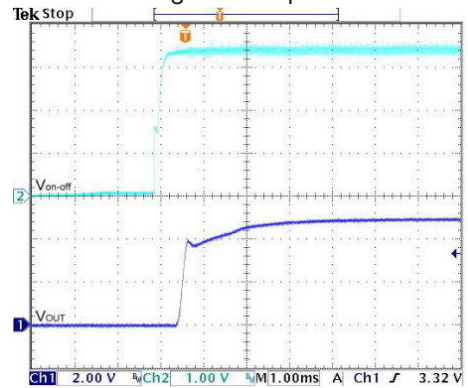Remote on/off Voltage Start-Up Characteristic

![TRACO POWER logo]

TEN 60-4812

Efficiency versus Output Load

Efficiency versus Input Voltage

Derating Output Load versus Ambient Temperature with Heatsink TEN-HS3

Power Dissipation versus Output Load

Derating Output Load versus Ambient Temperature without Heatsink

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TEN 60-4812

Typical Output Ripple and Noise

Transient Response to Dynamic Load Change (25%)

Typical Start-Up and Output Rise Characteristic

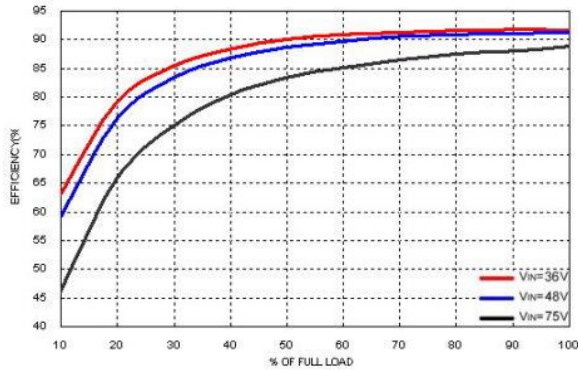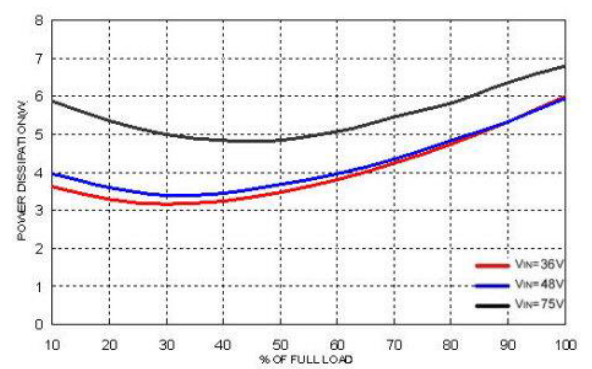
Remote on/off Voltage Start-Up Characteristic
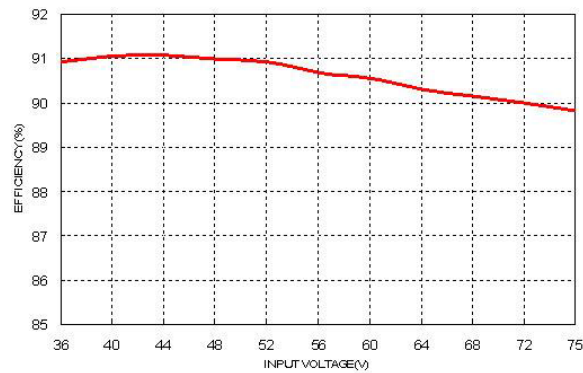
TEN 60-4813
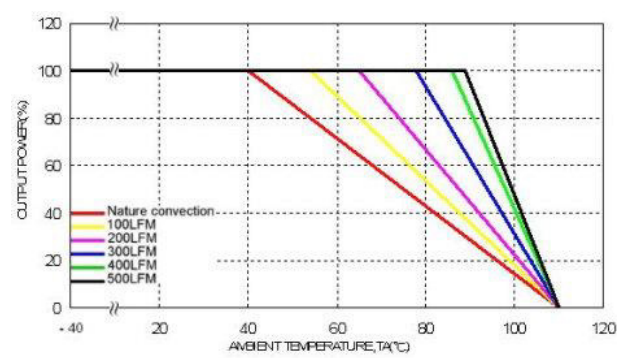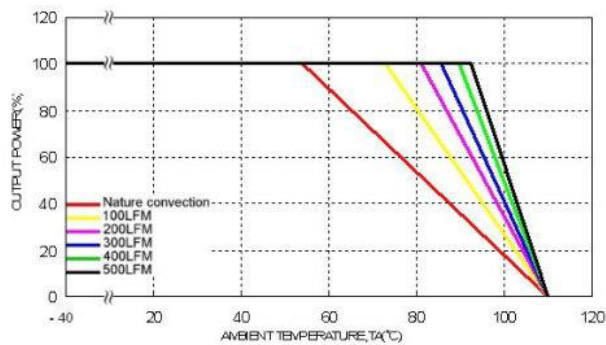
Efficiency versus Output Load

Efficiency versus Input Voltage

Derating Output Load versus Ambient Temperature with Heatsink TEN-HS3
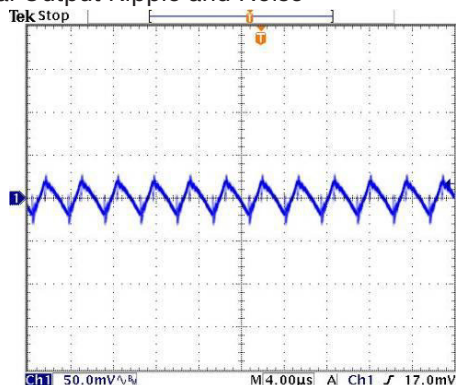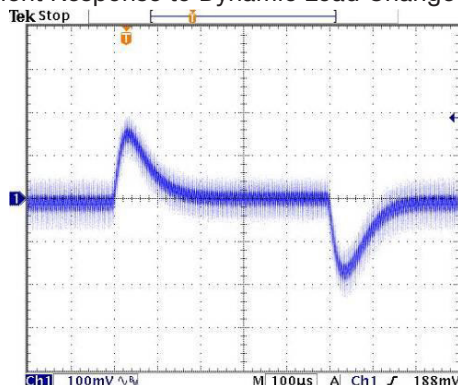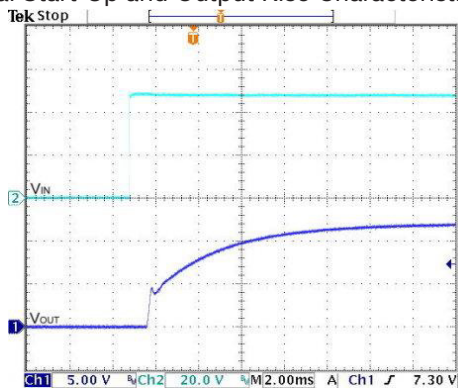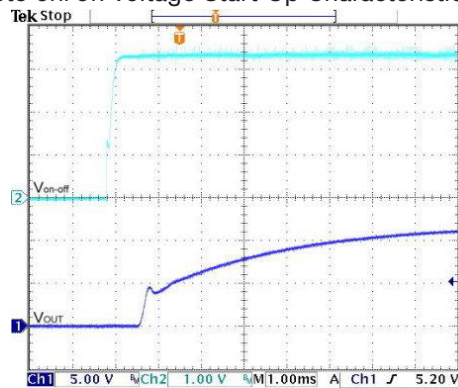

Power Dissipation versus Output Load

Derating Output Load versus Ambient Temperature without Heatsink

TEN 60-4813

Typical Output Ripple and Noise

Transient Response to Dynamic Load Change (25%)
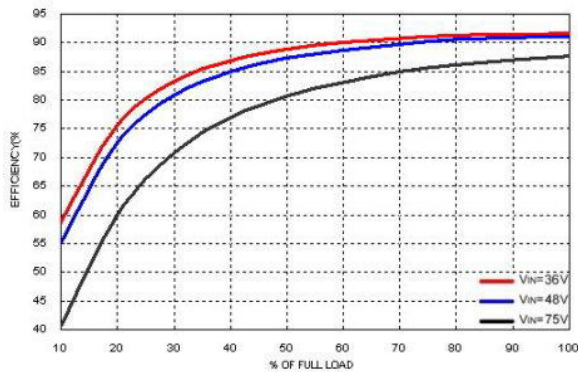

Typical Start-Up and Output Rise Characteristic

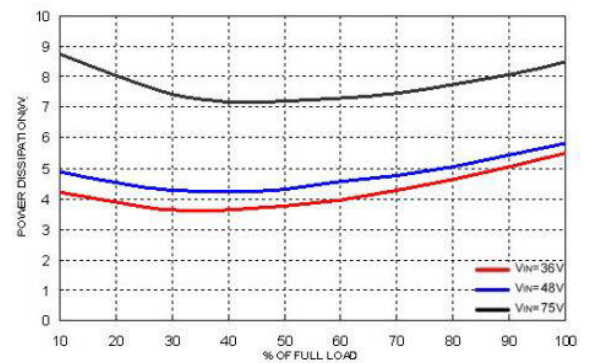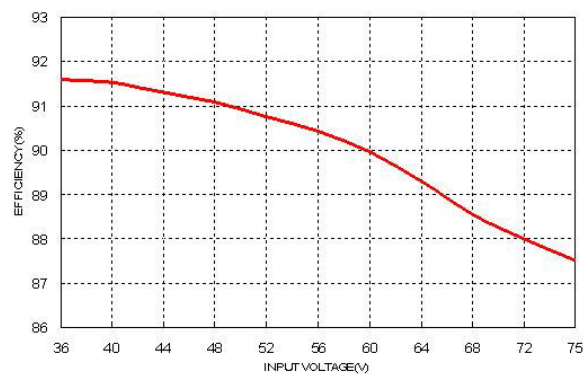Remote on/off Voltage Start-Up Characteristic

TEN 60-4815

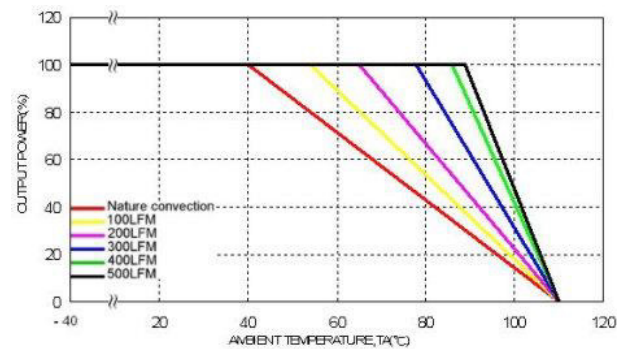### Efficiency versus Output Load
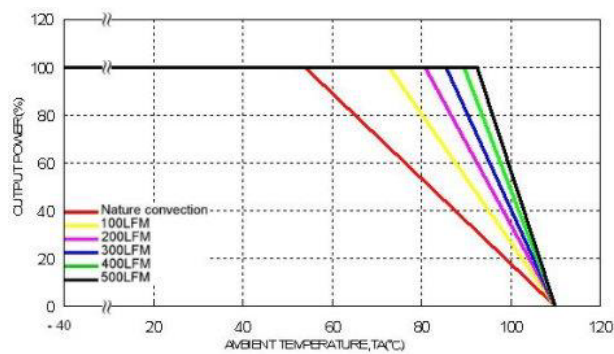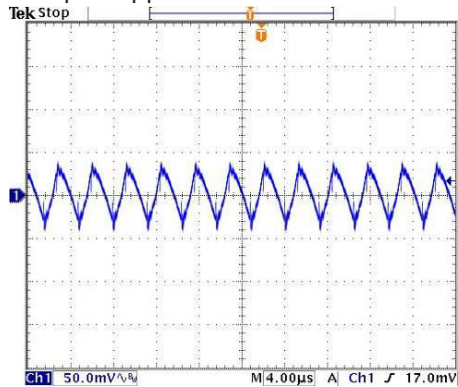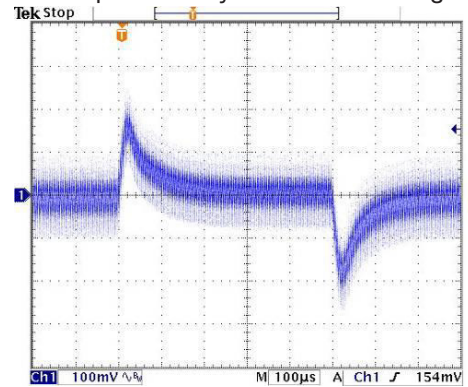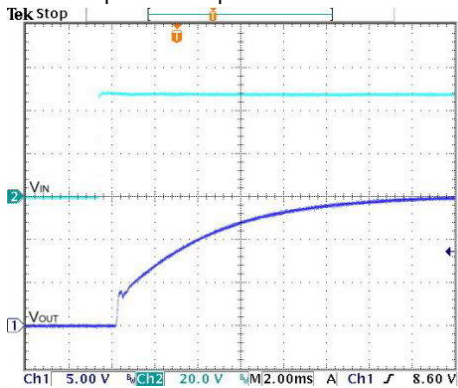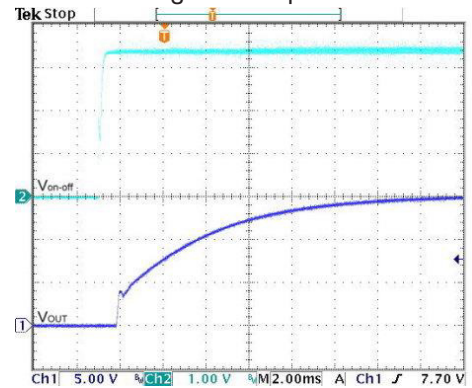

Power Dissipation versus Output Load

Efficiency versus Input Voltage

Derating Output Load versus Ambient Temperature without Heatsink

Derating Output Load versus Ambient Temperature with Heatsink TEN-HS3

TEN 60-4815

Typical Output Ripple and Noise

Transient Response to Dynamic Load Change (25%)
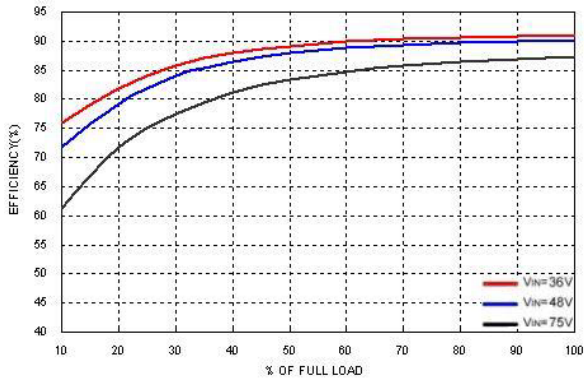

Typical Start-Up and Output Rise Characteristic

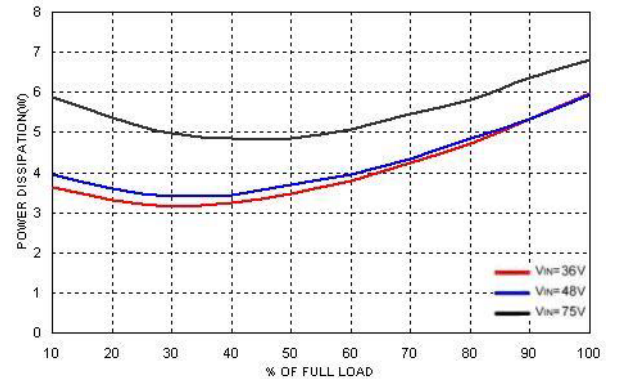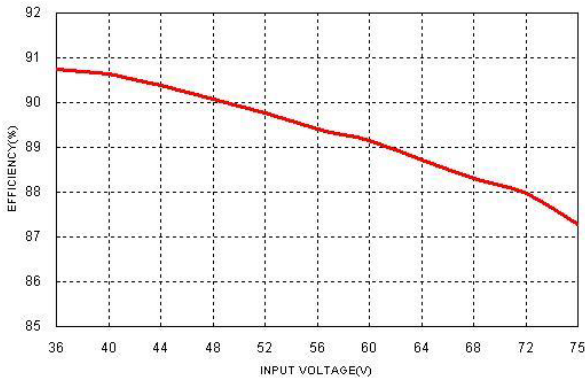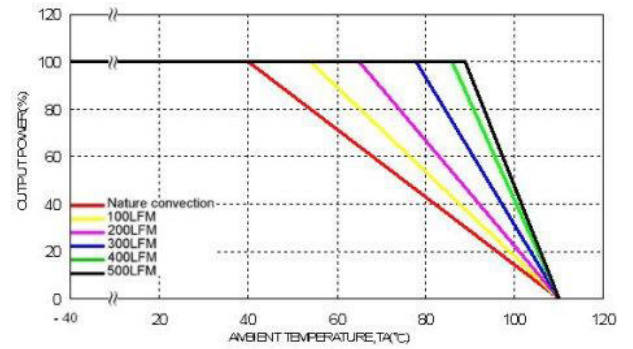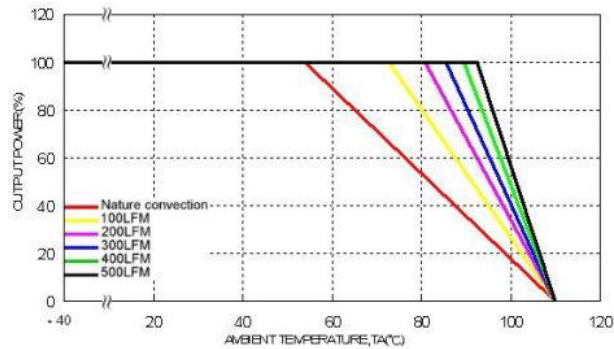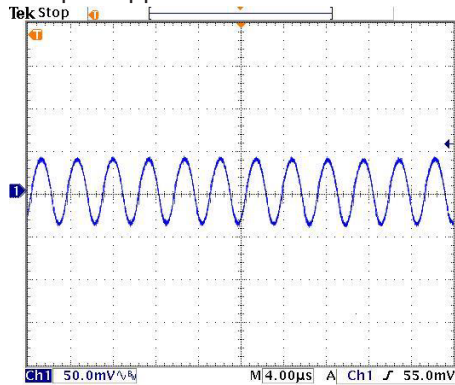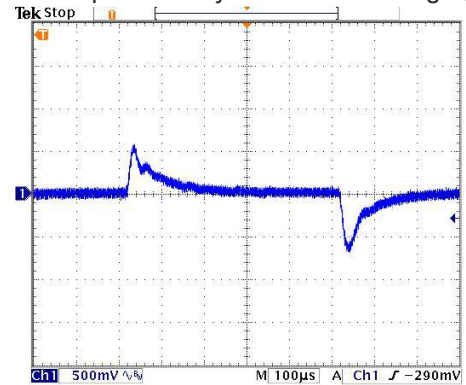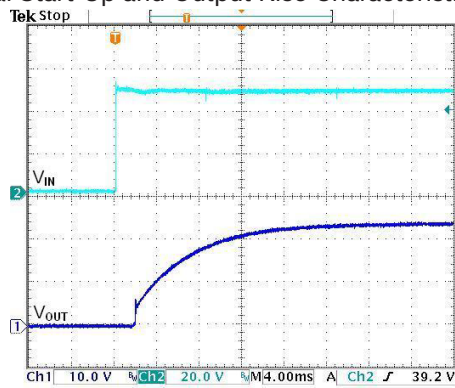Remote on/off Voltage Start-Up Characteristic

Specifications can be changed without notice!