TRACO POWER
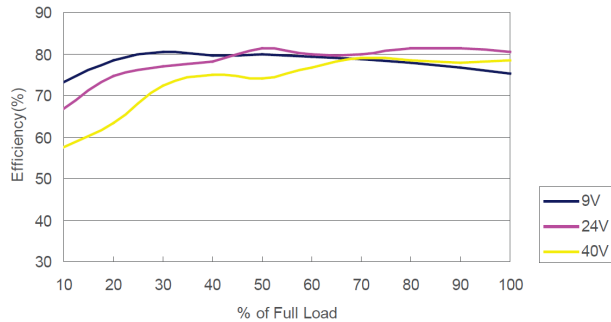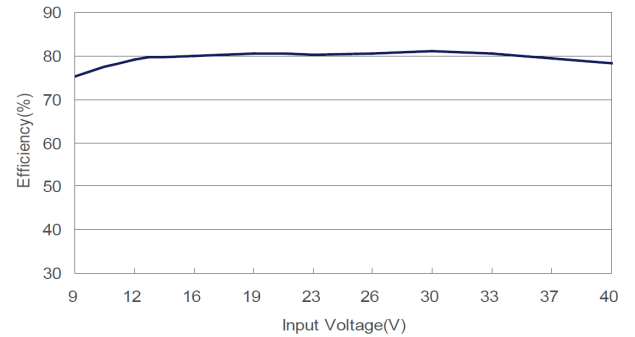
Characteristic Curves
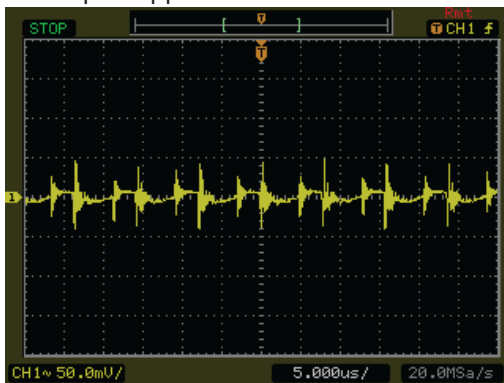
THP 3-2411

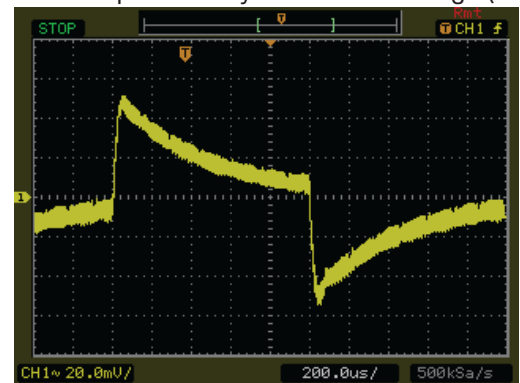Efficiency versus Output Load

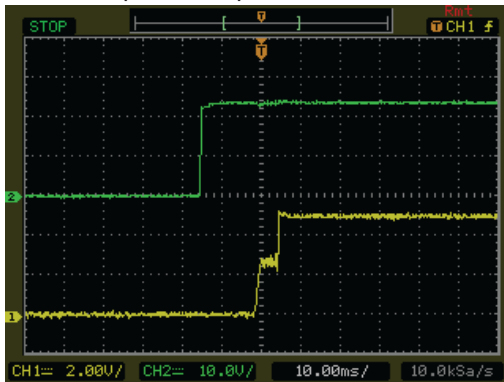Efficiency versus Input Voltage

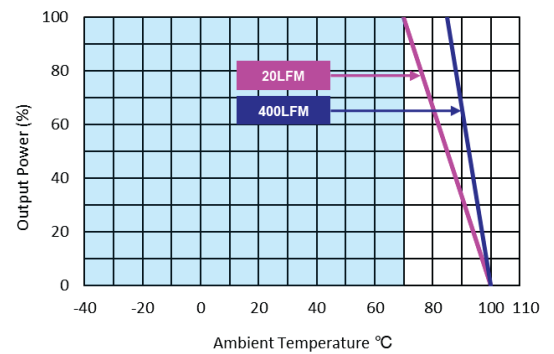
Typical Output Ripple and Noise

Transient Response to Dynamic Load Change (25%)

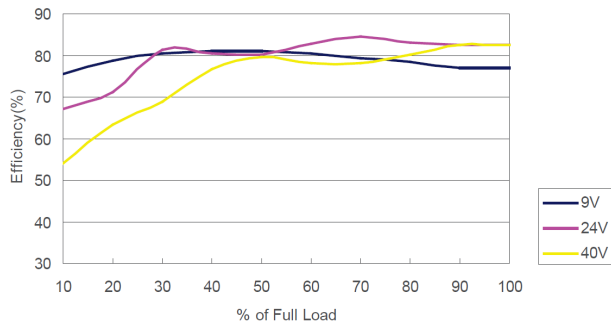Typical Start-Up and Output Rise Characteristic

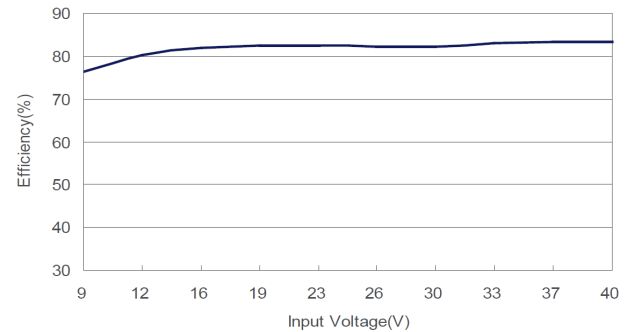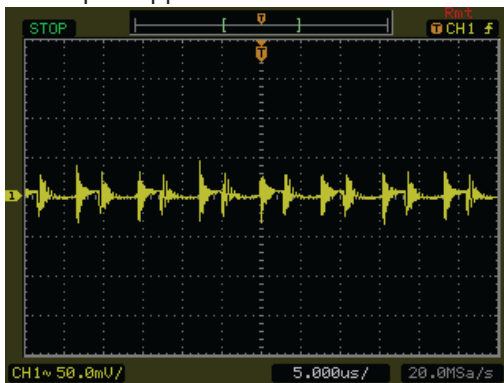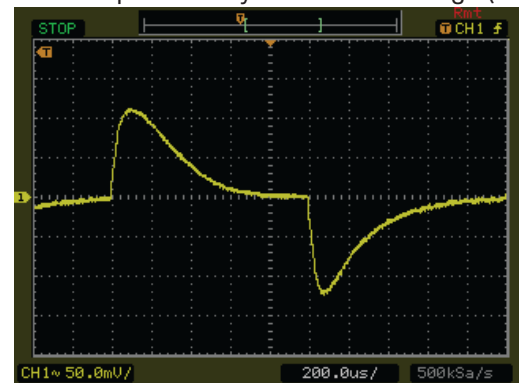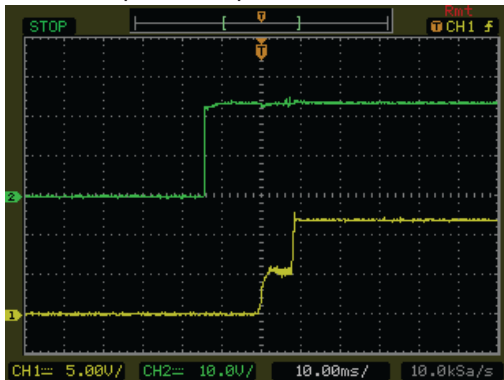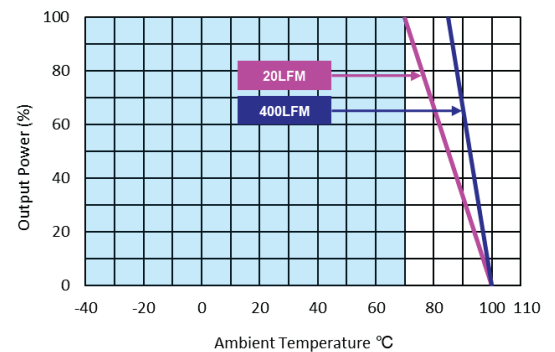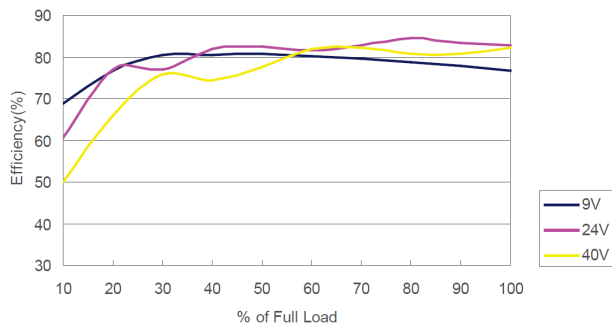Derating Output Load versus Ambient Temperature

THP 3-2412

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Transient Response to Dynamic Load Change (25%)

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature

III TRACO POWER

THP 3-2422

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Transient Response to Dynamic Load Change (25%)

Typical Start-Up and Output Rise Characteristic

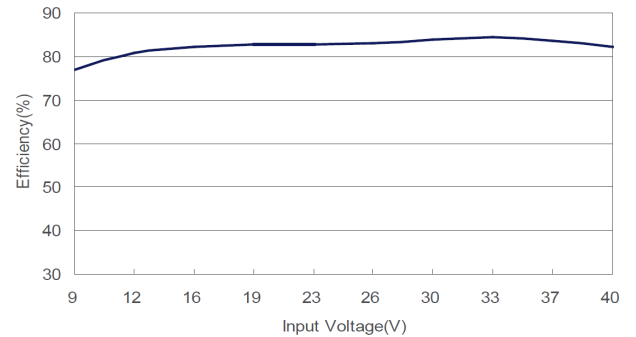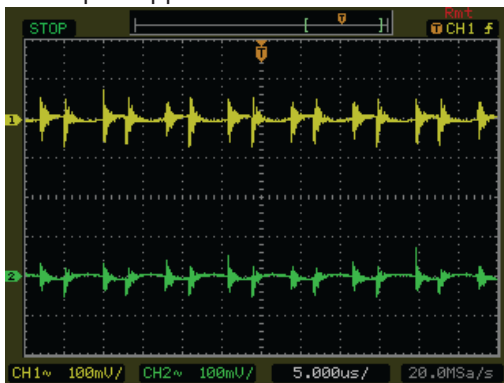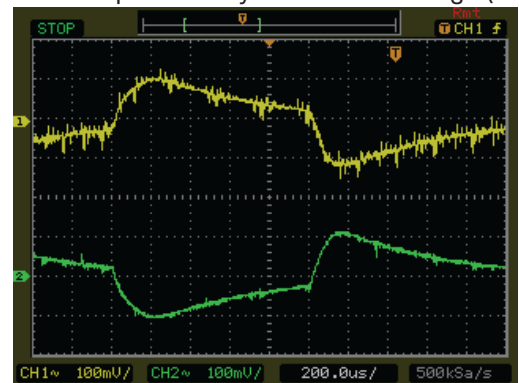### Derating Output Load versus Ambient Temperature

TRACO POWER

THP 3-2423

Efficiency versus Output Load

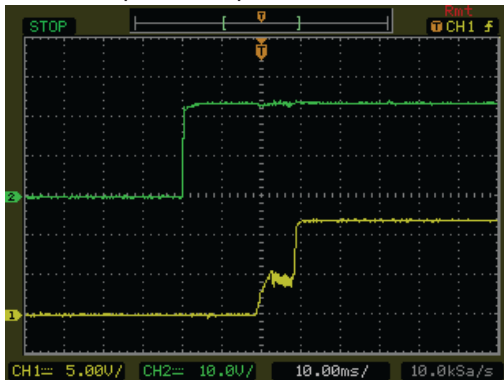### Efficiency versus Input Voltage
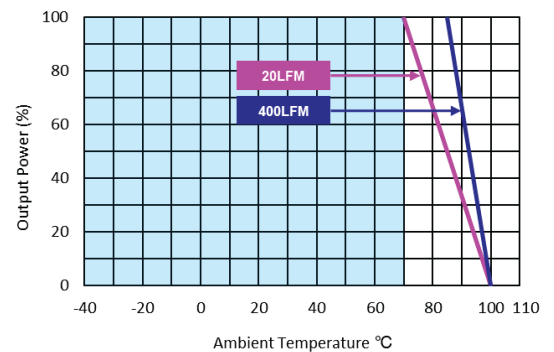

Typical Output Ripple and Noise

Transient Response to Dynamic Load Change (25%)

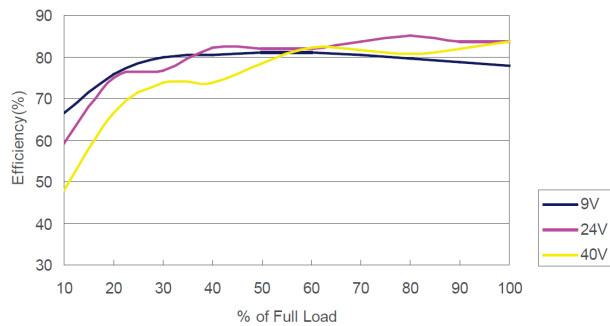### Typical Start-Up and Output Rise Characteristic

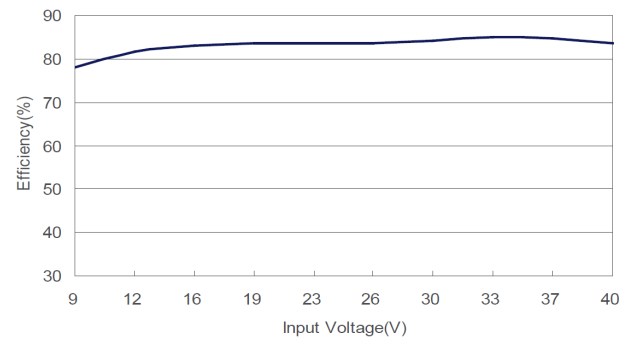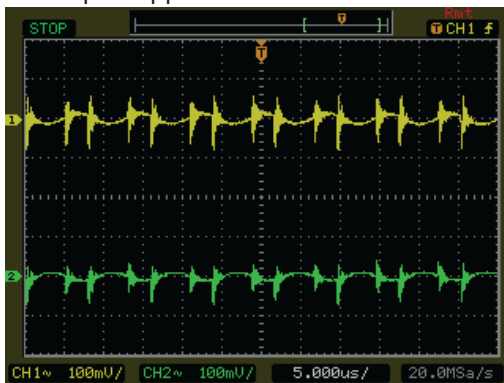### Derating Output Load versus Ambient Temperature

III TRACO POWER

THP 3-4811

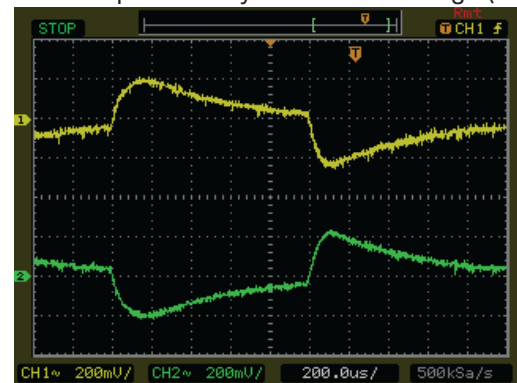### Efficiency versus Output Load

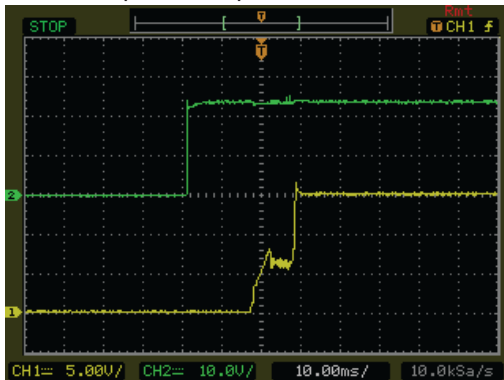### Efficiency versus Input Voltage

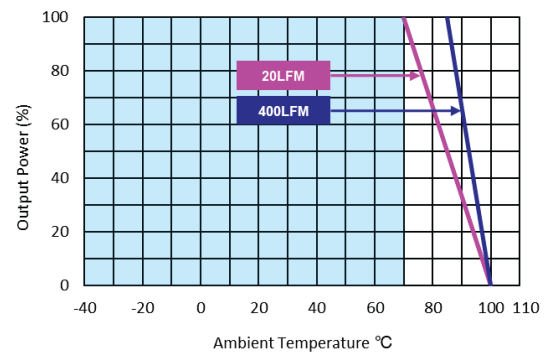
Typical Output Ripple and Noise

Transient Response to Dynamic Load Change (25%)

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature

![TRACO POWER]

THP 3-4812

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Transient Response to Dynamic Load Change (25%)

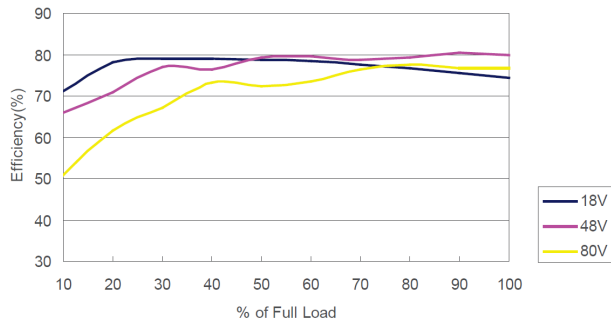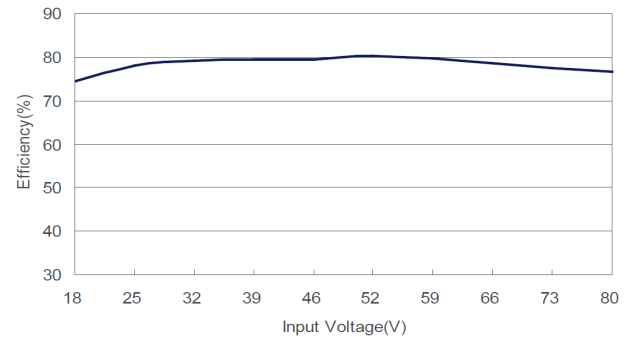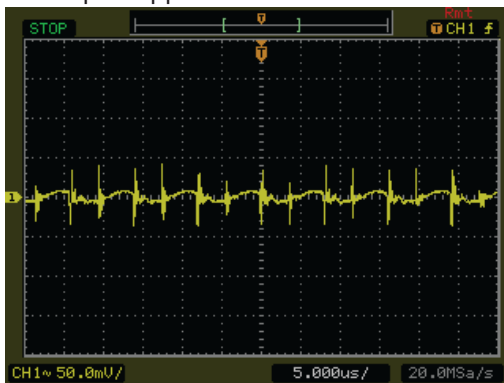### Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature

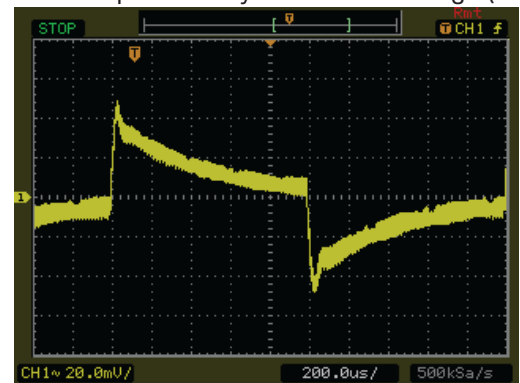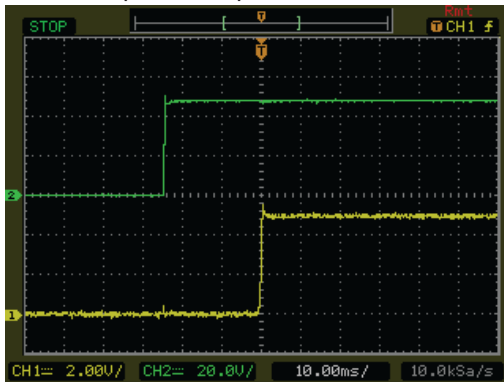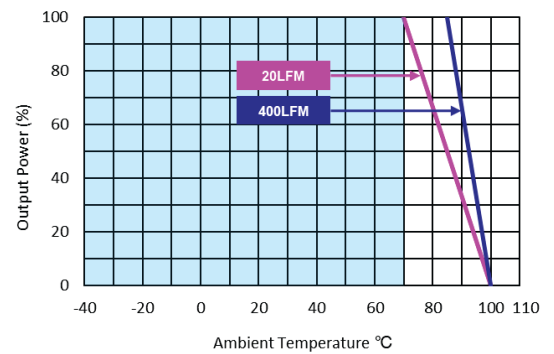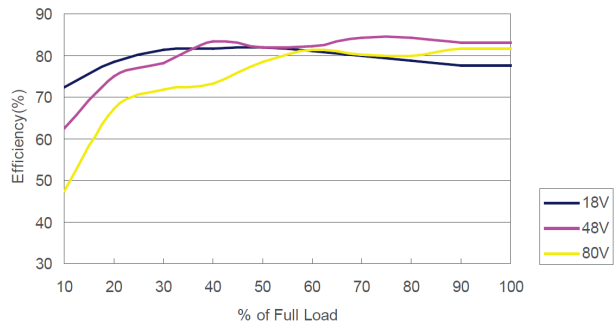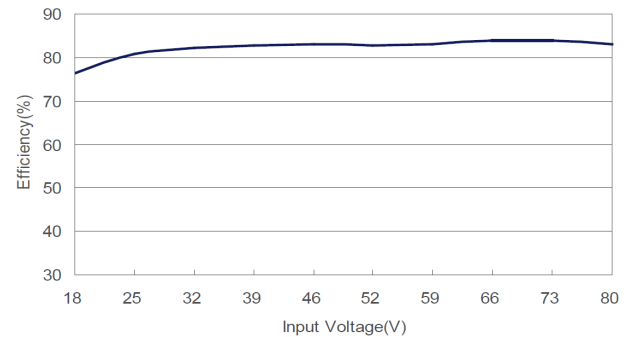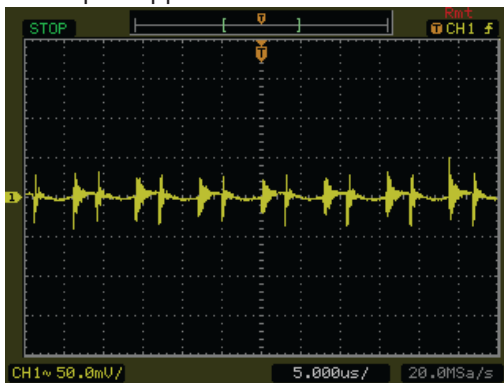## THP 3-4822

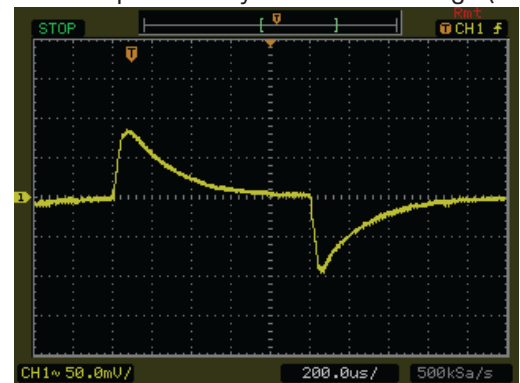### Efficiency versus Output Load

Efficiency versus Input Voltage
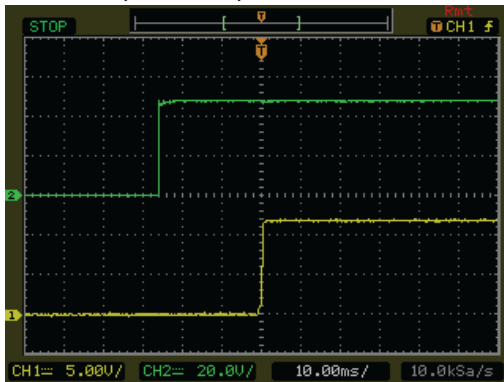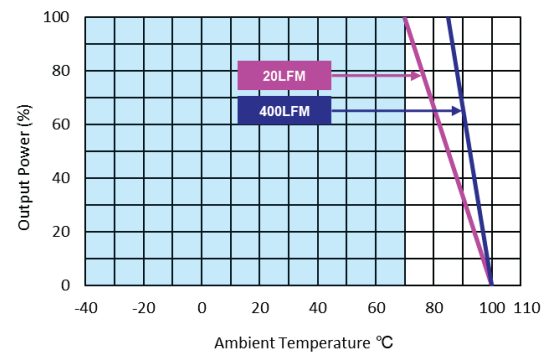

Typical Output Ripple and Noise

Transient Response to Dynamic Load Change (25%)

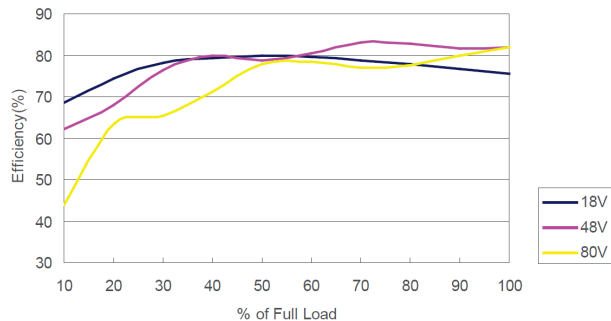### Typical Start-Up and Output Rise Characteristic
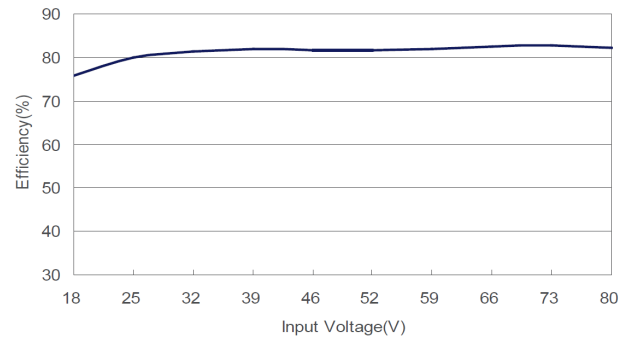

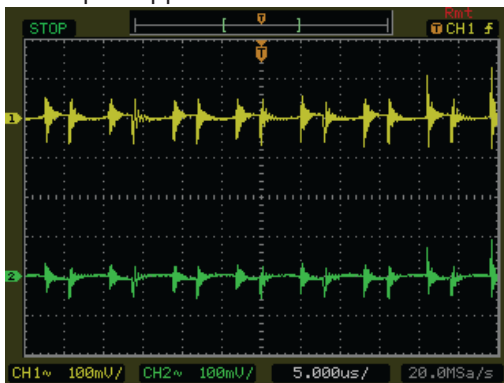### Derating Output Load versus Ambient Temperature

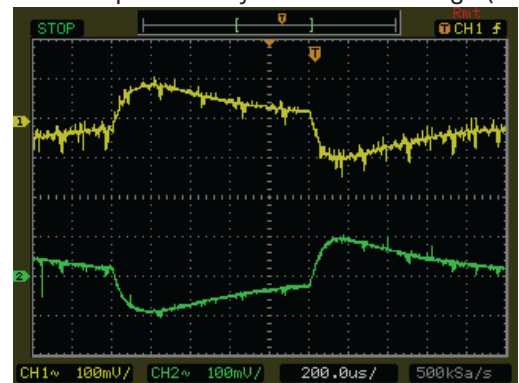## THP 3-4823

Efficiency versus Output Load

Efficiency(%) vs % of Full Load

— 18V
— 48V
— 80V

Efficiency versus Input Voltage

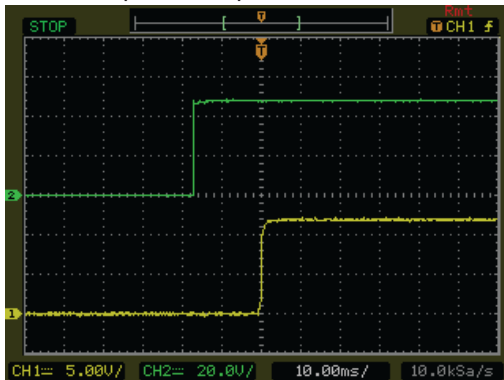

Efficiency(%) vs Input Voltage(V)
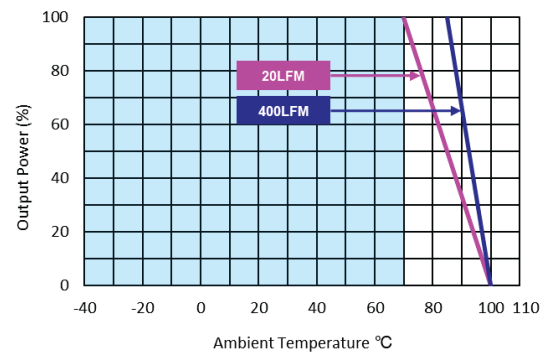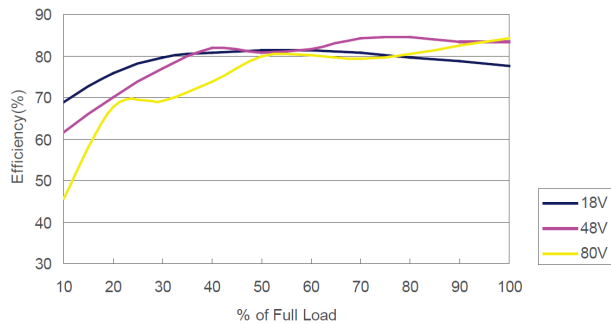
Typical Output Ripple and Noise

Transient Response to Dynamic Load Change (25%)

Typical Start-Up and Output Rise Characteristic
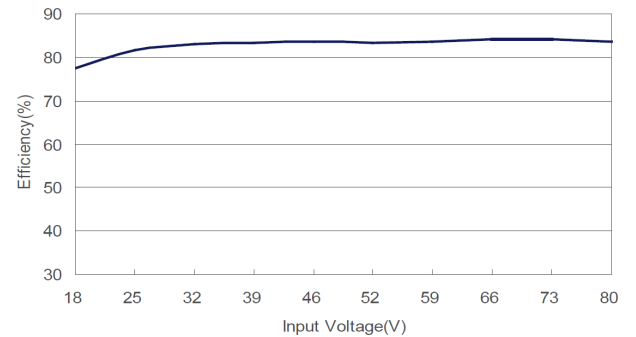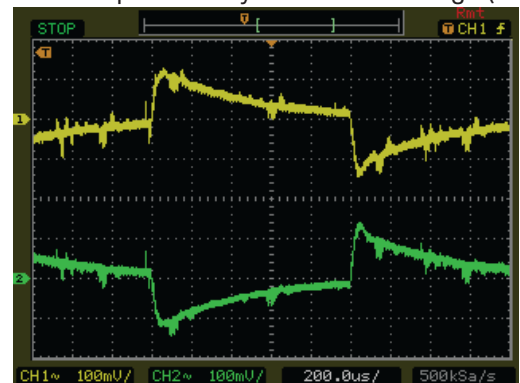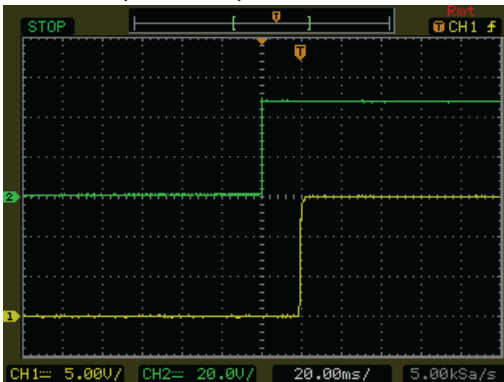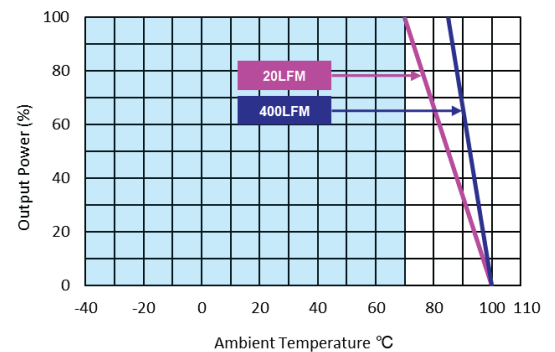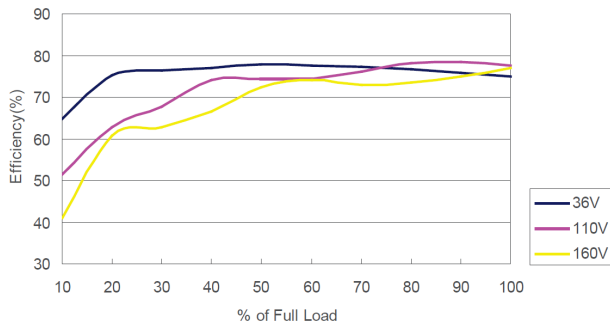

Derating Output Load versus Ambient Temperature

Output Power (%) vs Ambient Temperature ℃

20LFM
400LFM

TRACO POWER

THP 3-7211

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Transient Response to Dynamic Load Change (25%)

Typical Start-Up and Output Rise Characteristic

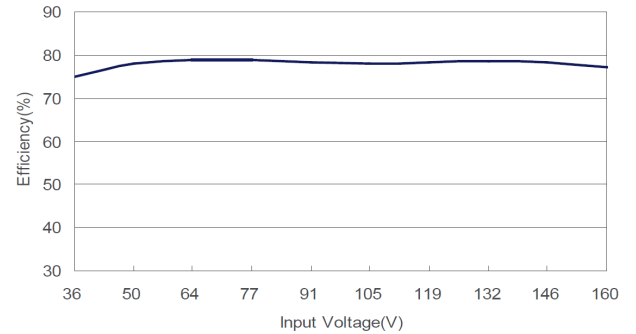
Derating Output Load versus Ambient Temperature

III TRACO POWER

THP 3-7212

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Transient Response to Dynamic Load Change (25%)

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
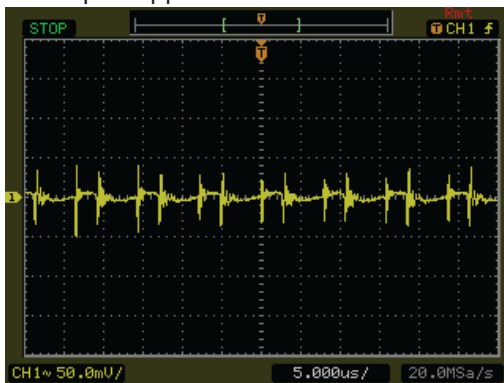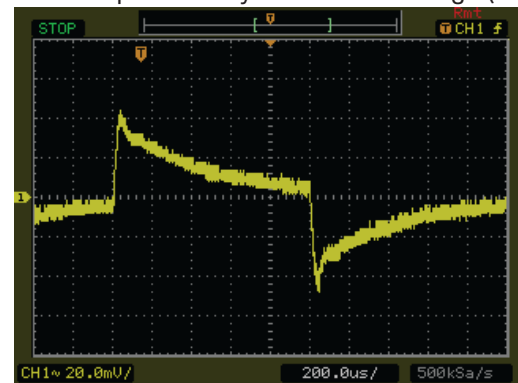
THP 3-7222

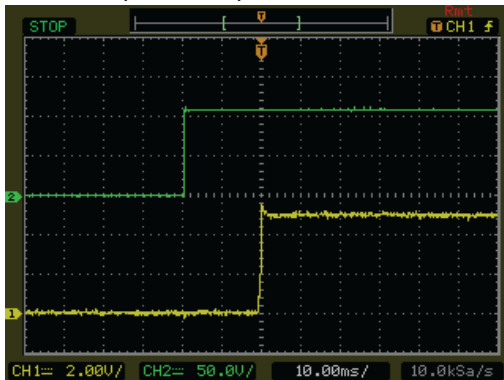Efficiency versus Output Load

Efficiency versus Input Voltage

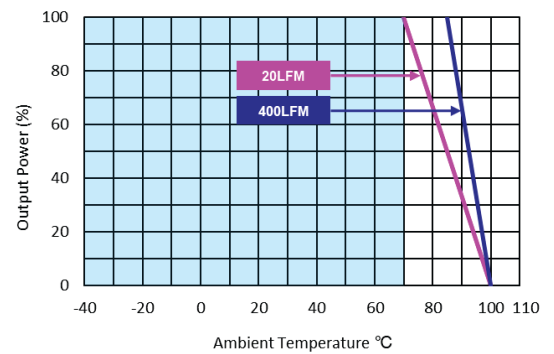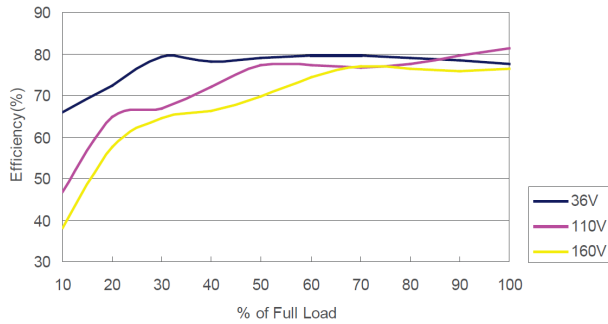Typical Output Ripple and Noise

Transient Response to Dynamic Load Change (25%)

Typical Start-Up and Output Rise Characteristic
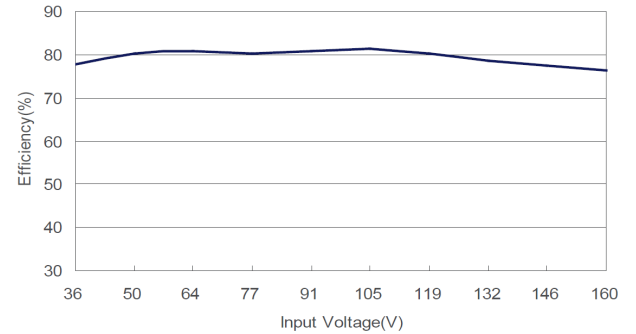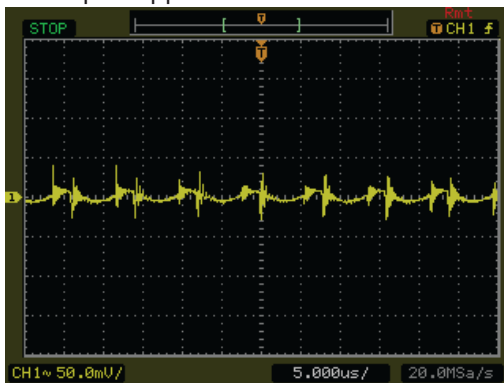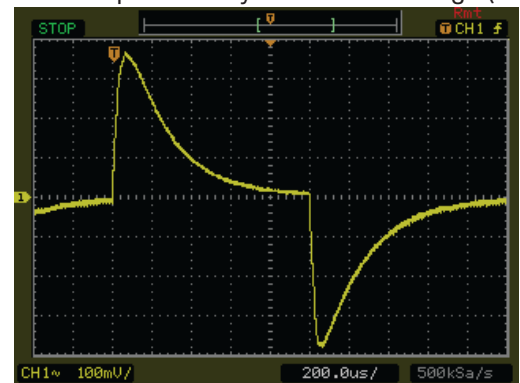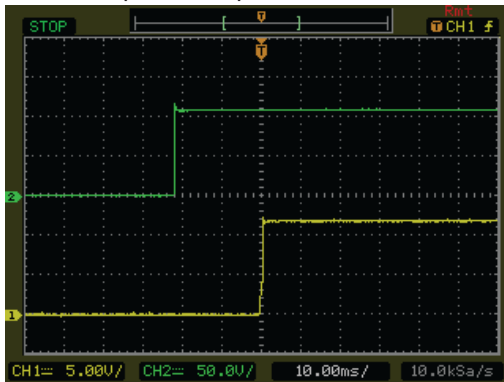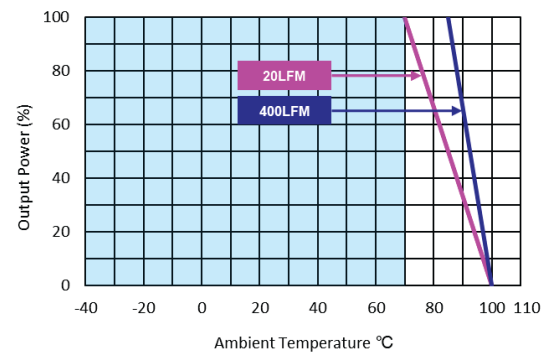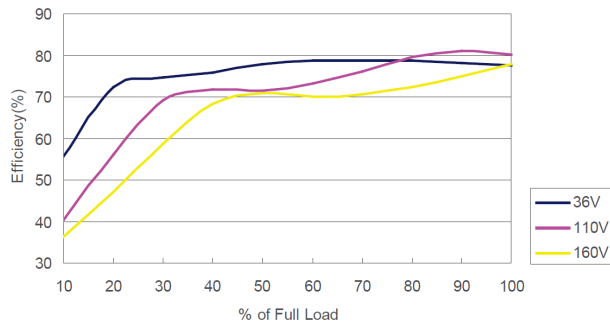

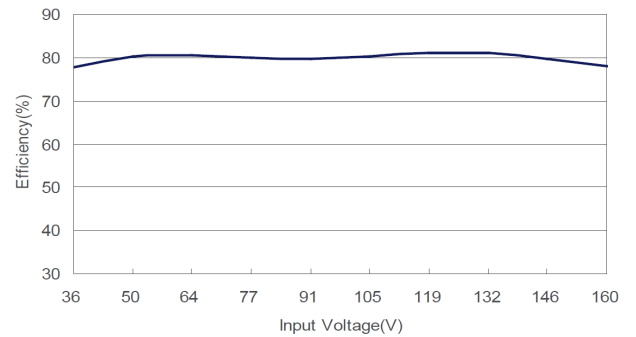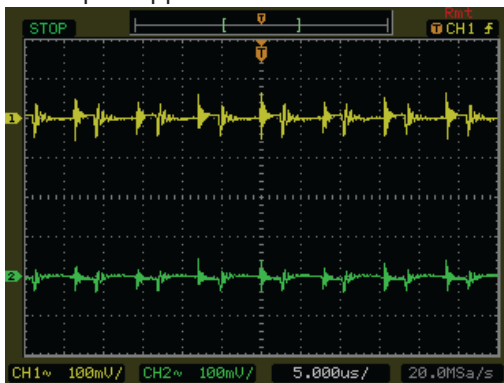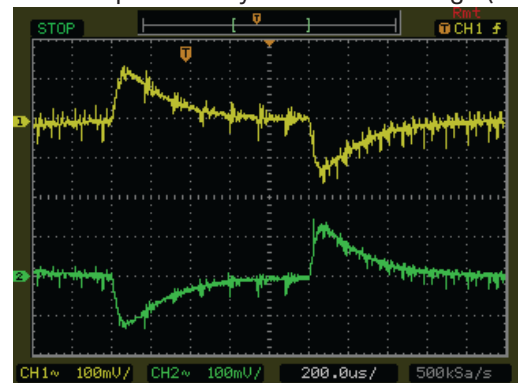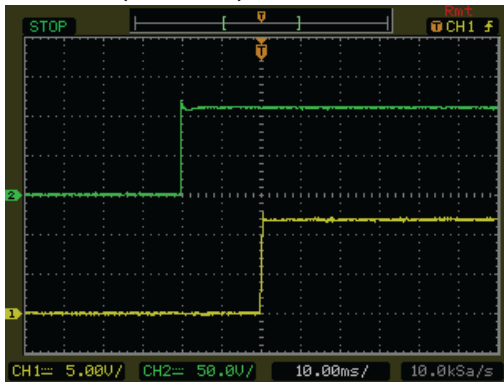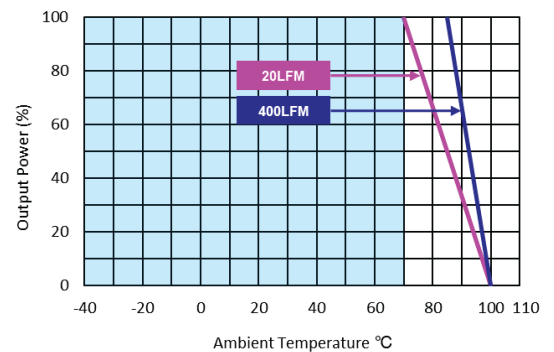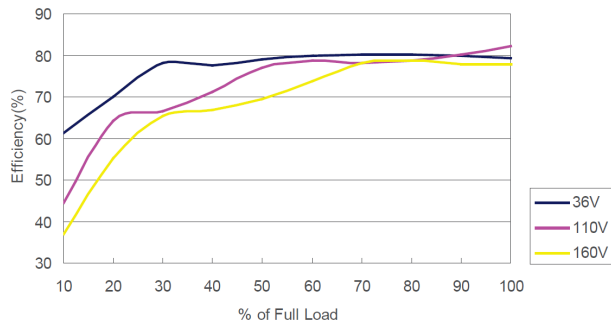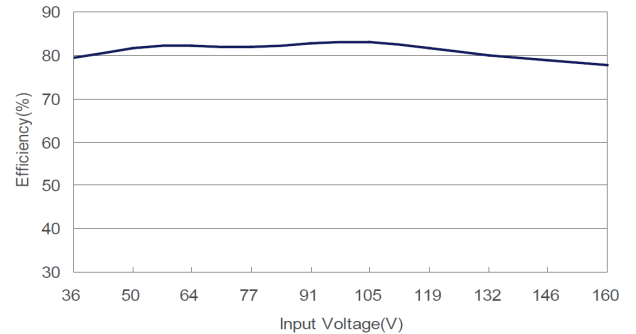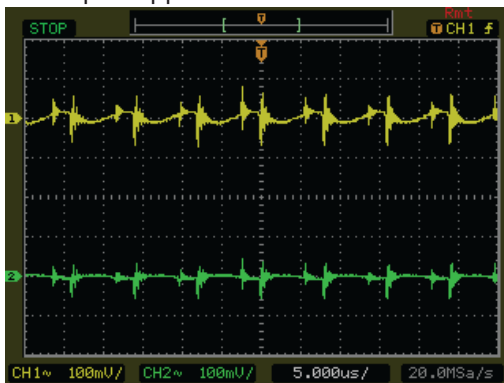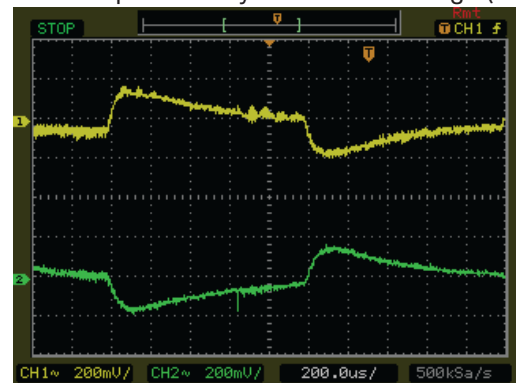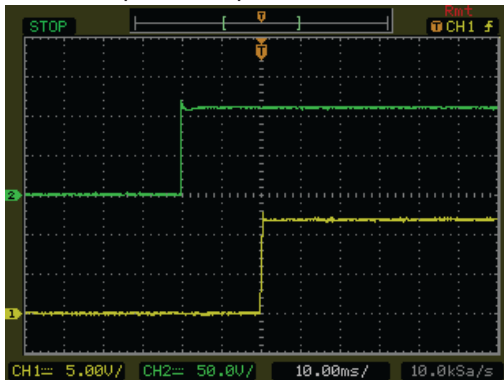Derating Output Load versus Ambient Temperature

THP 3-7223

Efficiency versus Output Load

Legend:
- 36V
- 110V
- 160V

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Transient Response to Dynamic Load Change (25%)

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature

Legend:
- 20LFM
- 400LFM