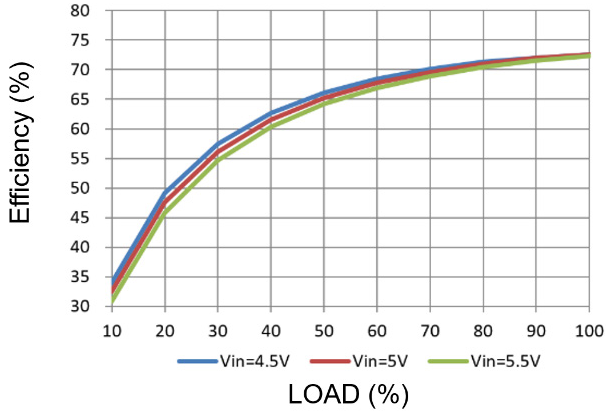


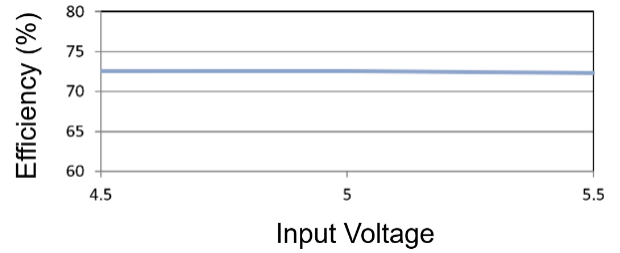
### Characteristic Curves

#### TBA 1-0511E

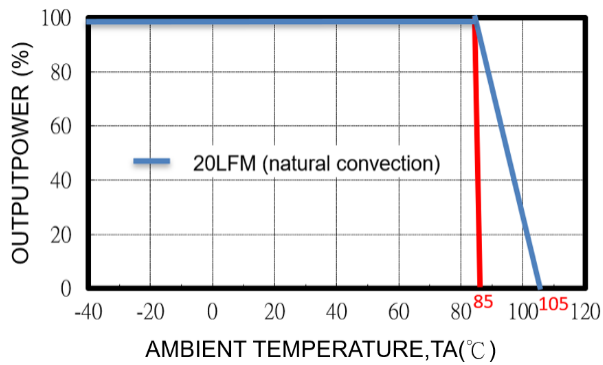
Efficiency versus Output Load



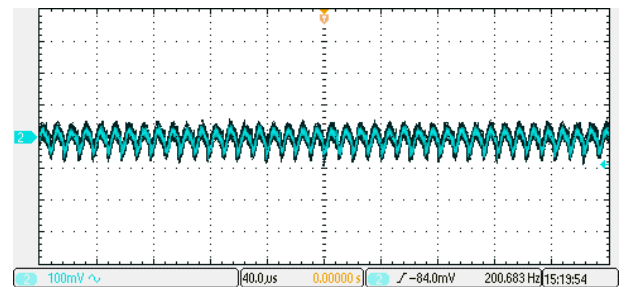
Efficiency versus Input Voltage



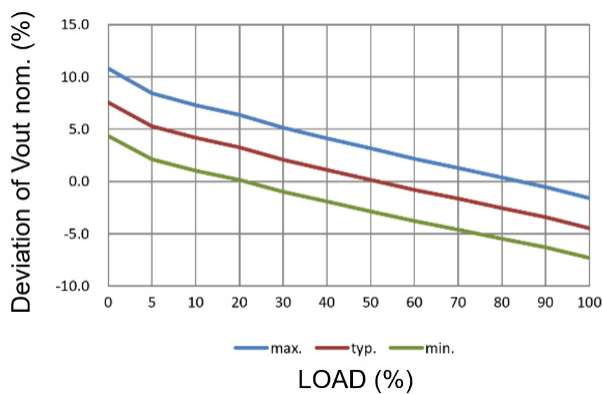
Derating Output Load versus Ambient Temperature



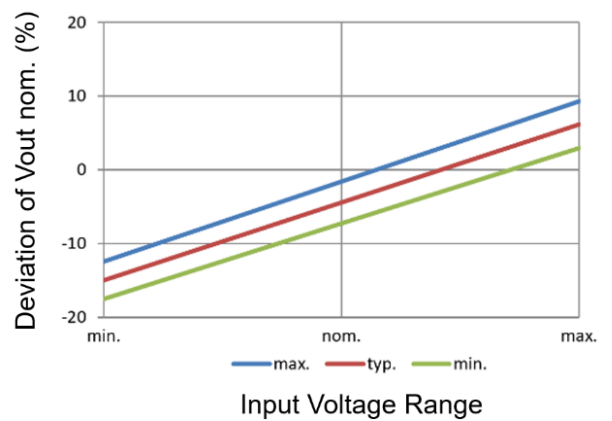
Typical Output Ripple and Noise



Load Variation versus Output Voltage



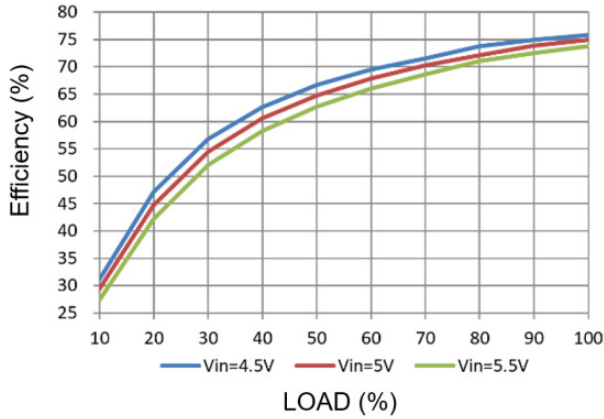
Input Variation versus Output Voltage



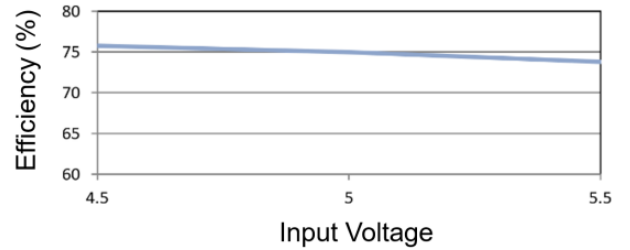
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

### TBA 1-0512E

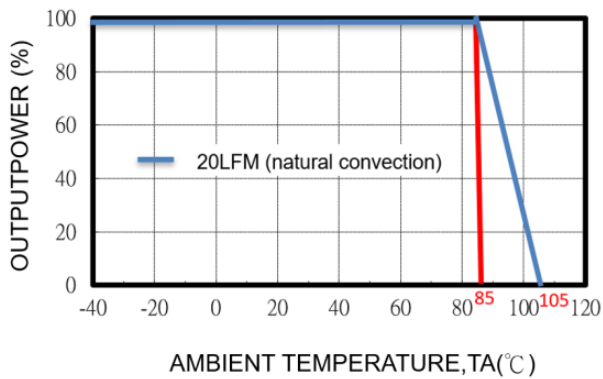
Efficiency versus Output Load



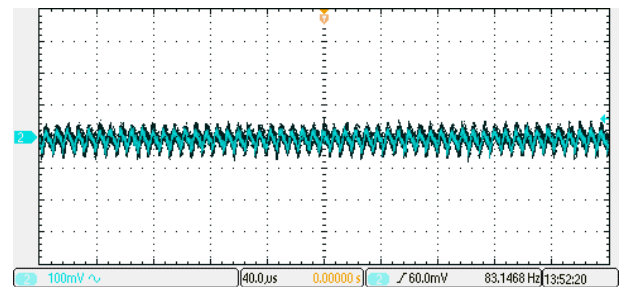
Efficiency versus Input Voltage



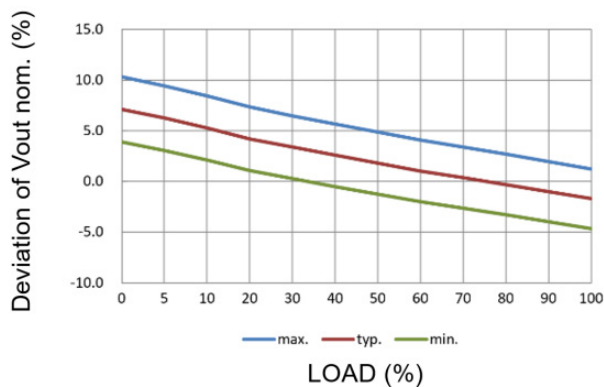
Derating Output Load versus Ambient Temperature



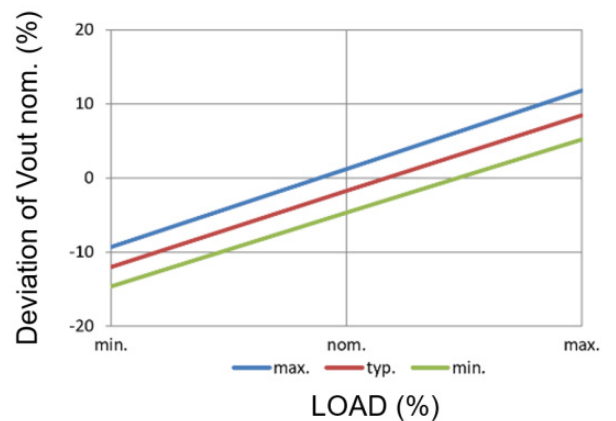
Typical Output Ripple and Noise



Load Variation versus Output Voltage



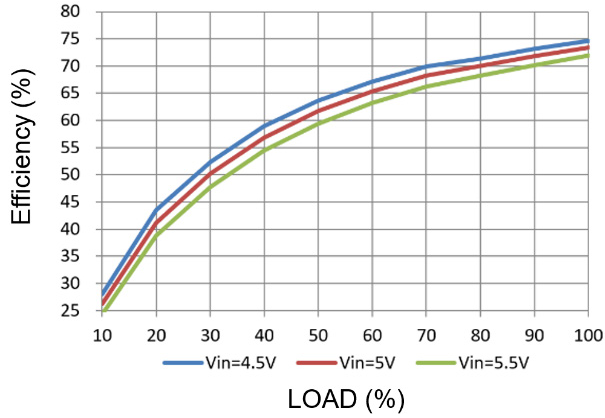
Input Variation versus Output Voltage



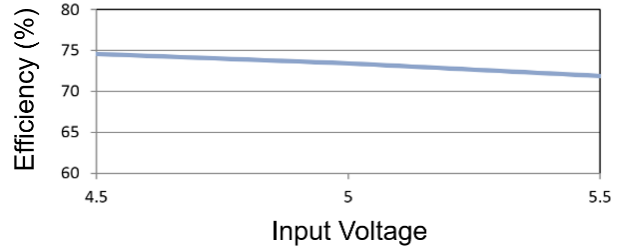
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

### TBA 1-0513E

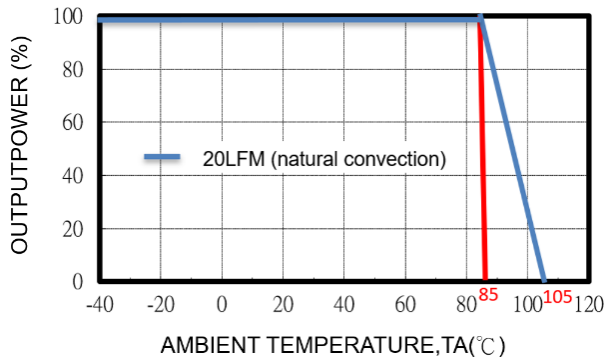
Efficiency versus Output Load



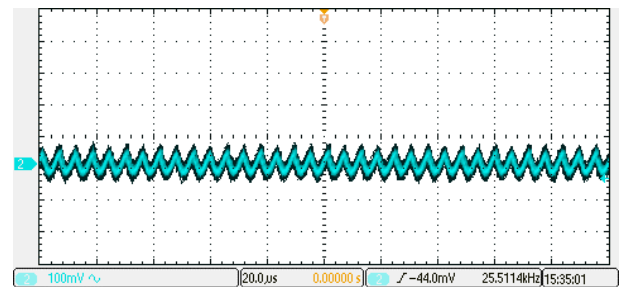
Efficiency versus Input Voltage



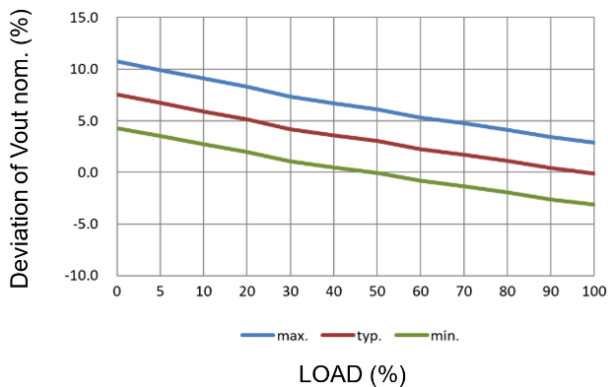
Derating Output Load versus Ambient Temperature



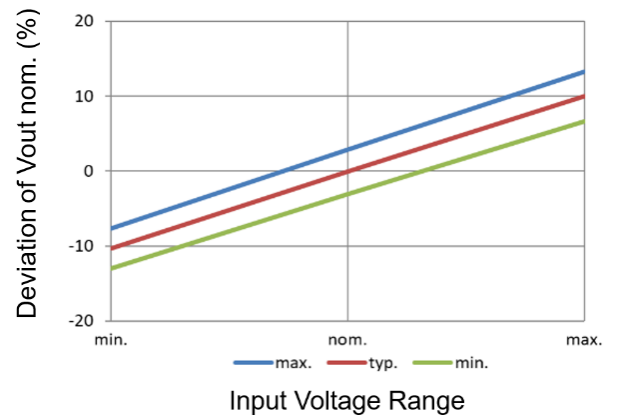
Typical Output Ripple and Noise



Load Variation versus Output Voltage

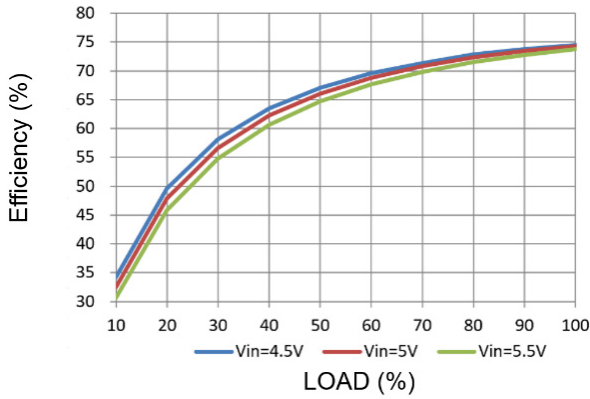


Input Variation versus Output Voltage

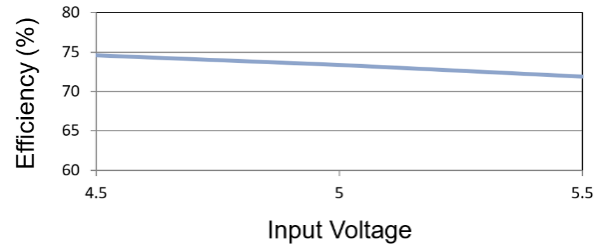


### TBA 1-0521E

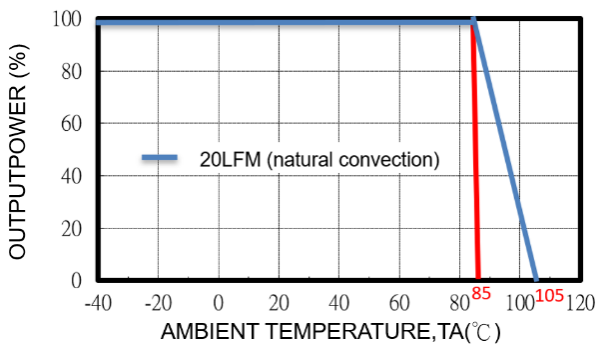
Efficiency versus Output Load



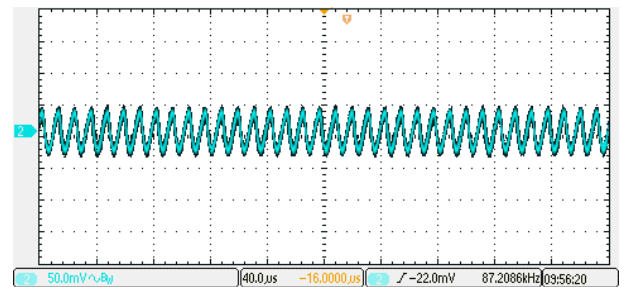
Efficiency versus Input Voltage



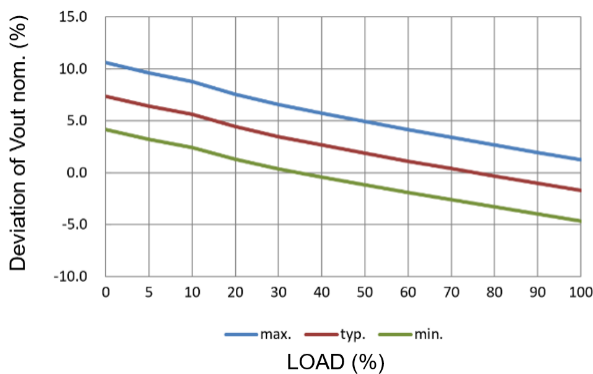
Derating Output Load versus Ambient Temperature



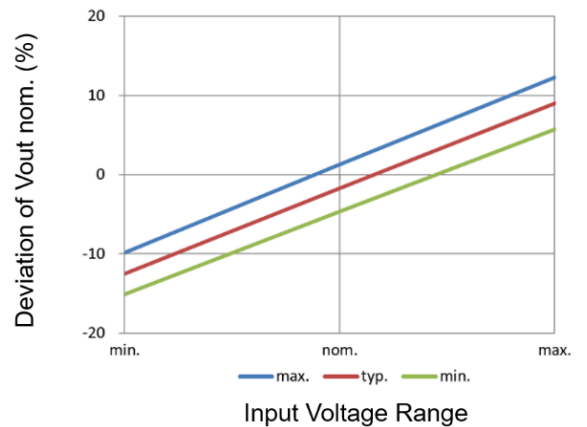
Typical Output Ripple and Noise



Load Variation versus Output Voltage



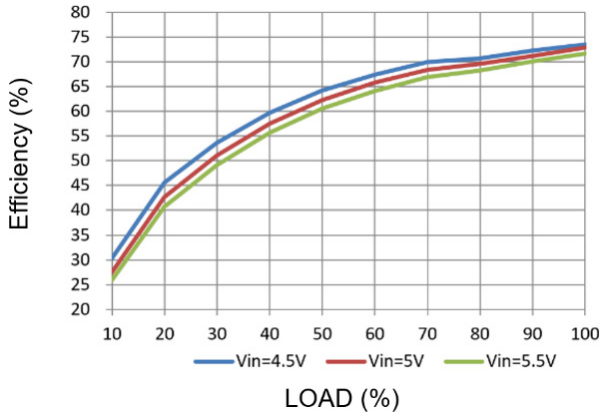
Input Variation versus Output Voltage



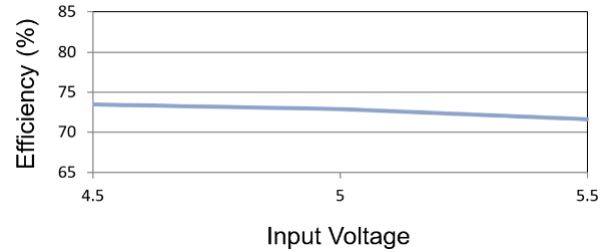
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

### TBA 1-0522E

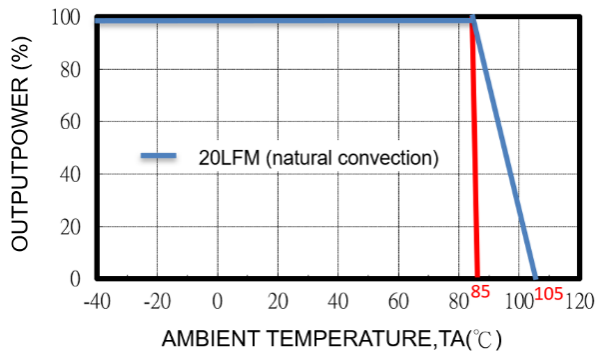
Efficiency versus Output Load



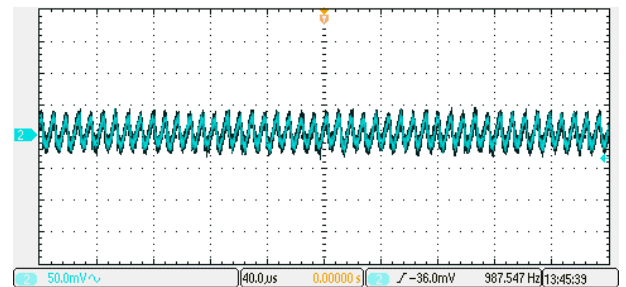
Efficiency versus Input Voltage



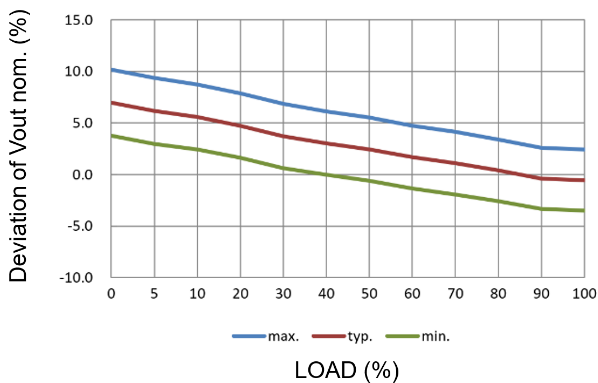
Derating Output Load versus Ambient Temperature



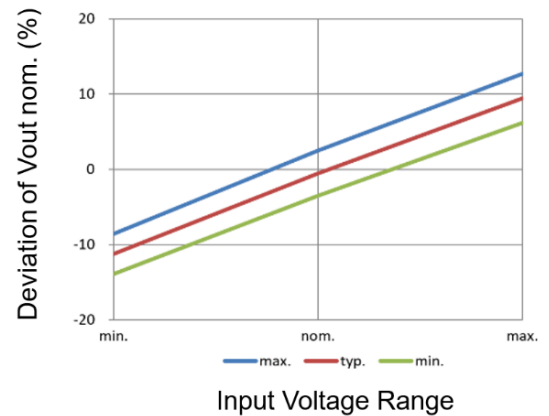
Typical Output Ripple and Noise



Load Variation versus Output Voltage

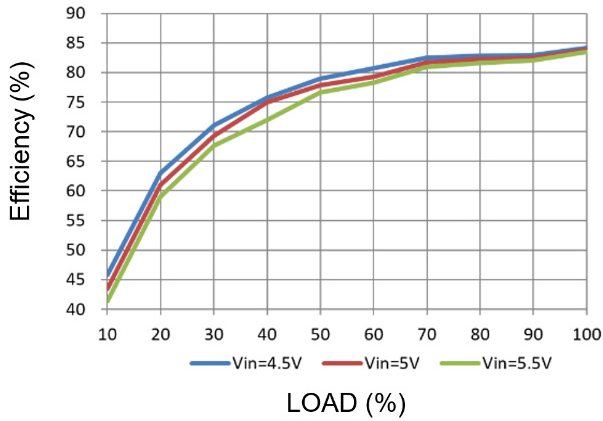


Input Variation versus Output Voltage

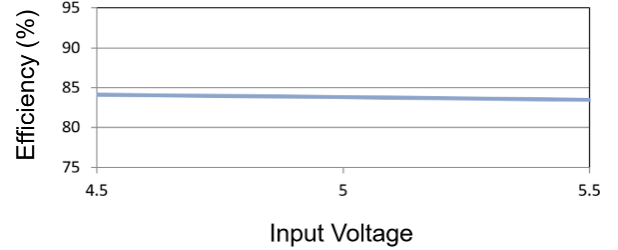


### TBA 1-0523E

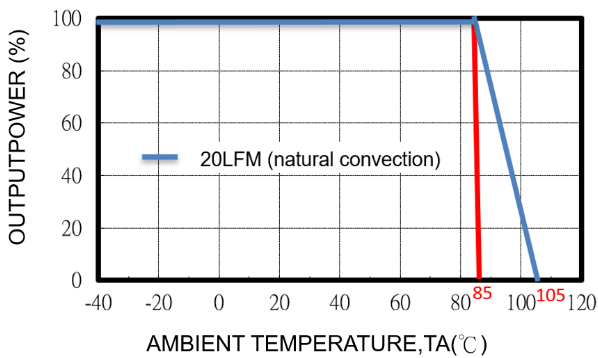
Efficiency versus Output Load



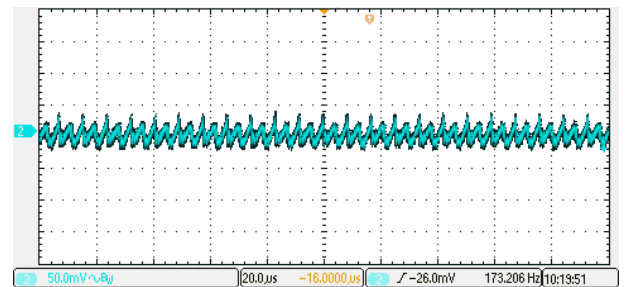
Efficiency versus Input Voltage



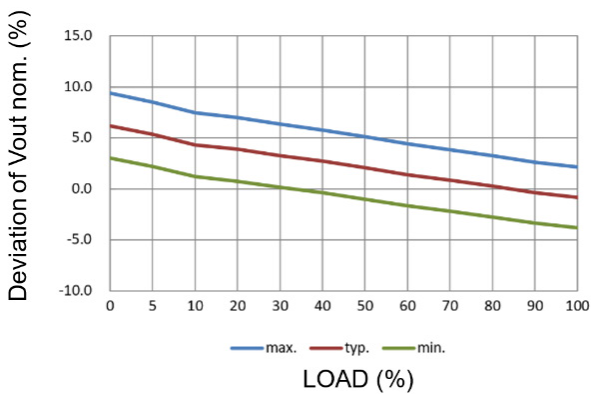
Derating Output Load versus Ambient Temperature



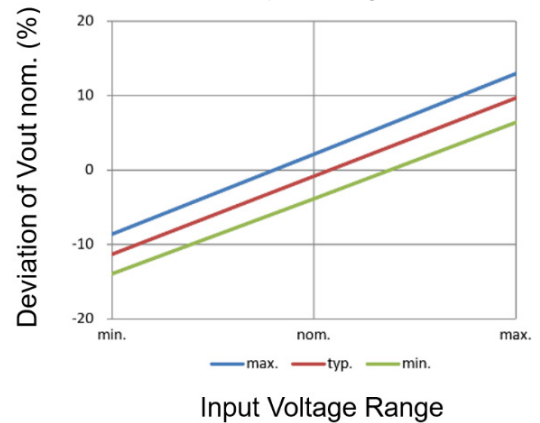
Typical Output Ripple and Noise



Load Variation versus Output Voltage

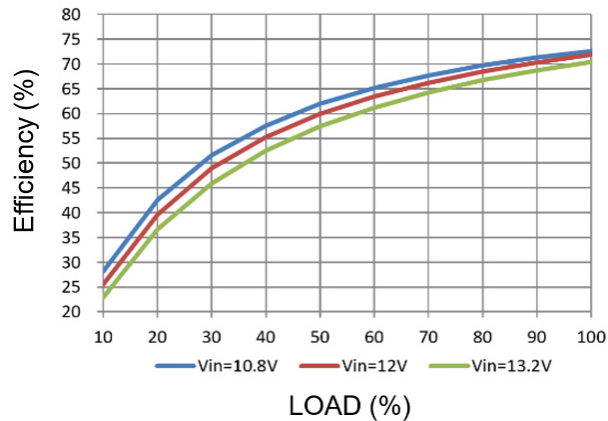


Input Variation versus Output Voltage

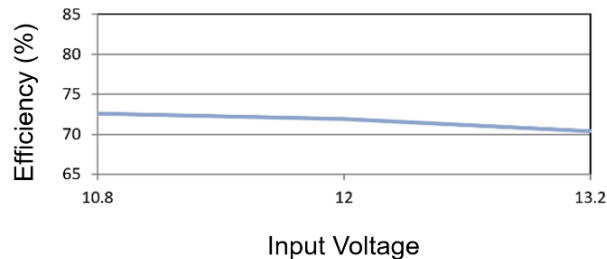


### TBA 1-1211E

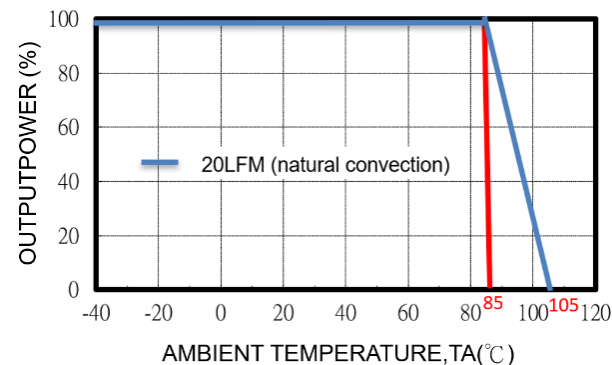
Efficiency versus Output Load



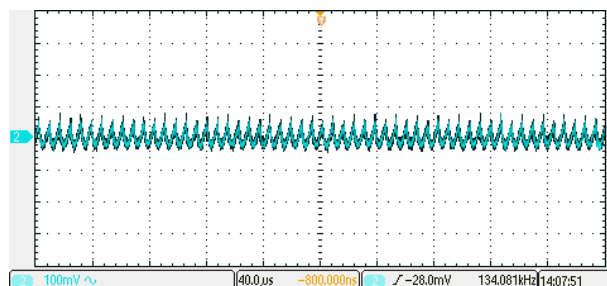
Efficiency versus Input Voltage



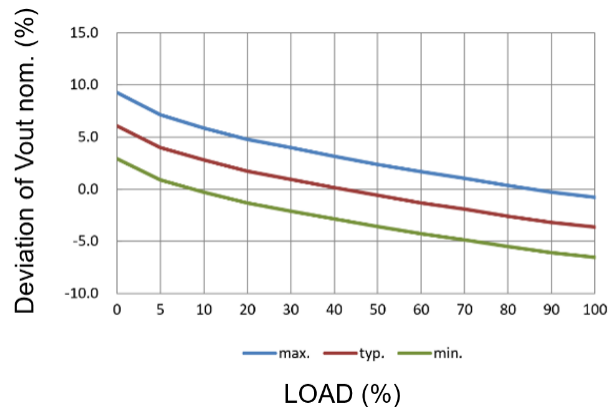
Derating Output Load versus Ambient Temperature



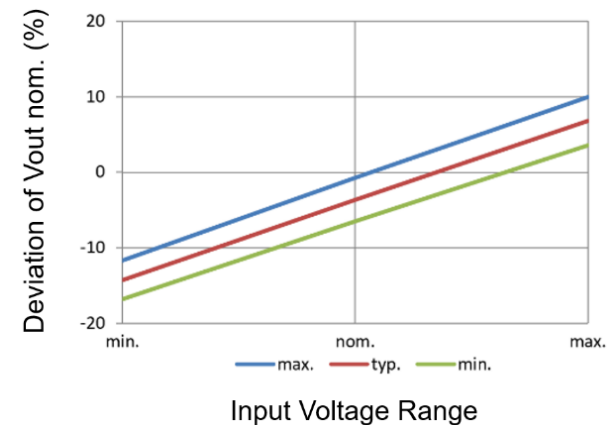
Typical Output Ripple and Noise



Load Variation versus Output Voltage



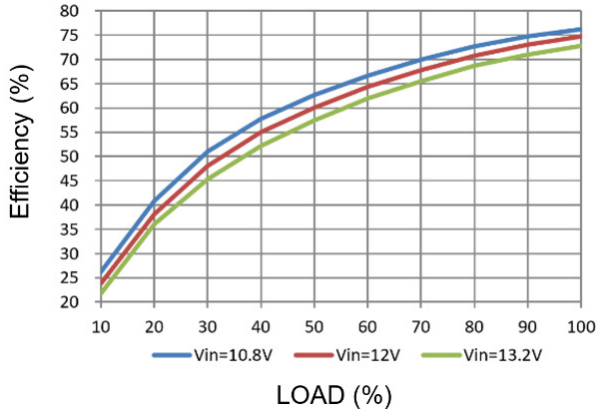
Input Variation versus Output Voltage



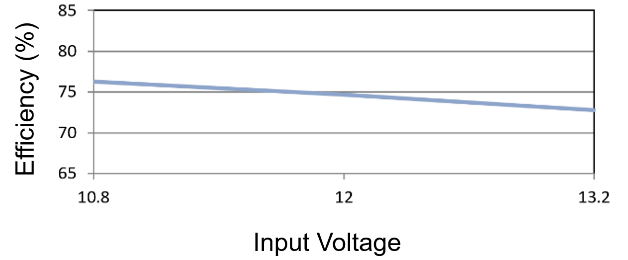
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

### TBA 1-1212E

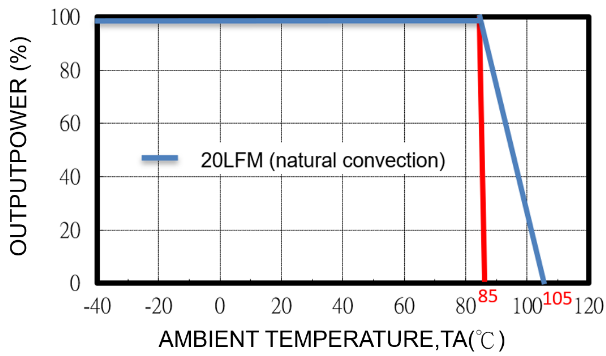
Efficiency versus Output Load



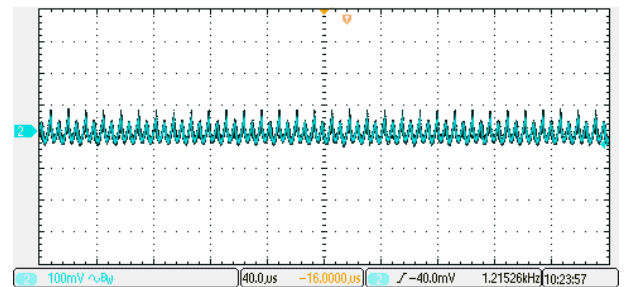
Efficiency versus Input Voltage



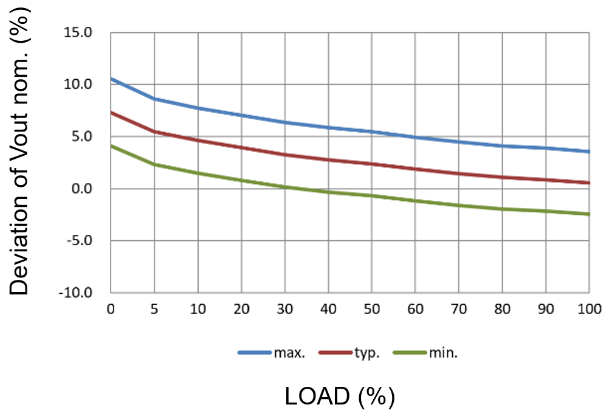
Derating Output Load versus Ambient Temperature



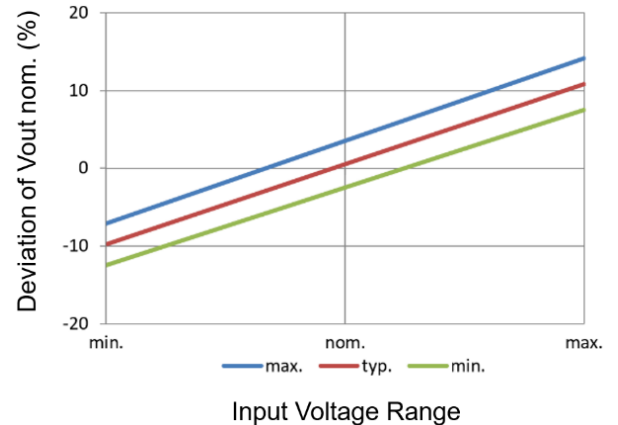
Typical Output Ripple and Noise



Load Variation versus Output Voltage



Input Variation versus Output Voltage

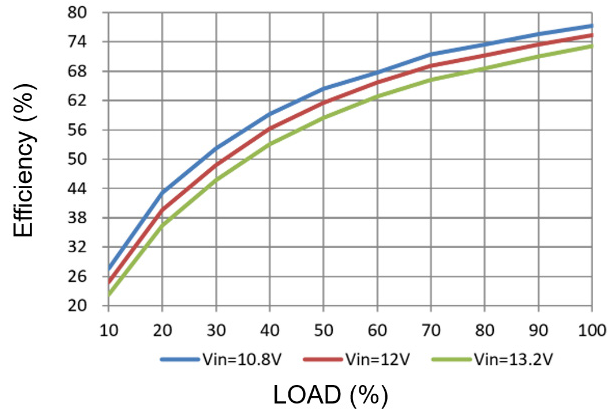


All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

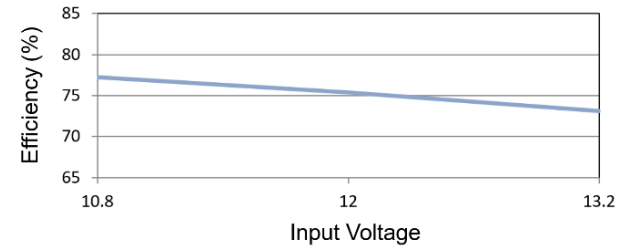


### TBA 1-1213E

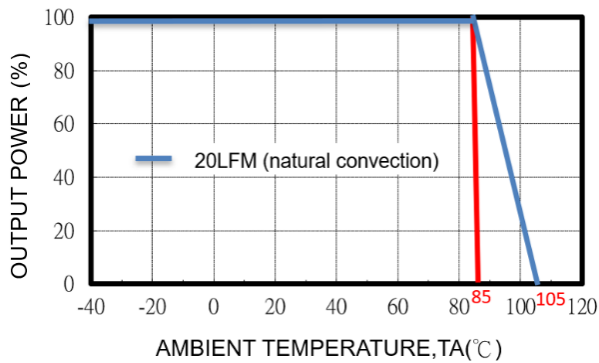
Efficiency versus Output Load



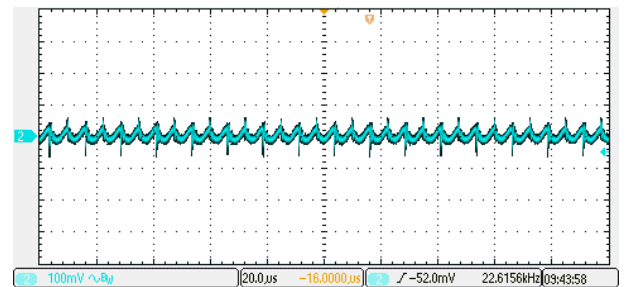
Efficiency versus Input Voltage



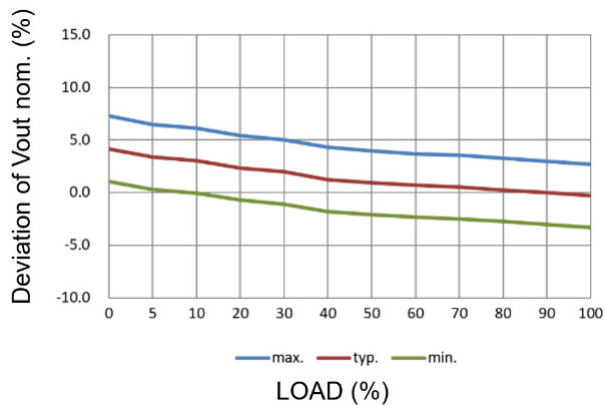
Derating Output Load versus Ambient Temperature



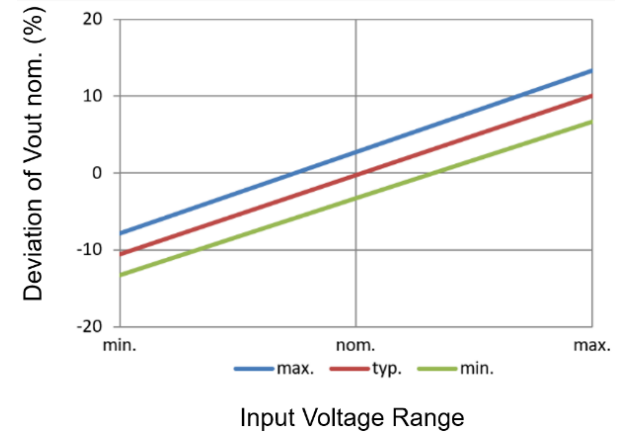
Typical Output Ripple and Noise



Load Variation versus Output Voltage



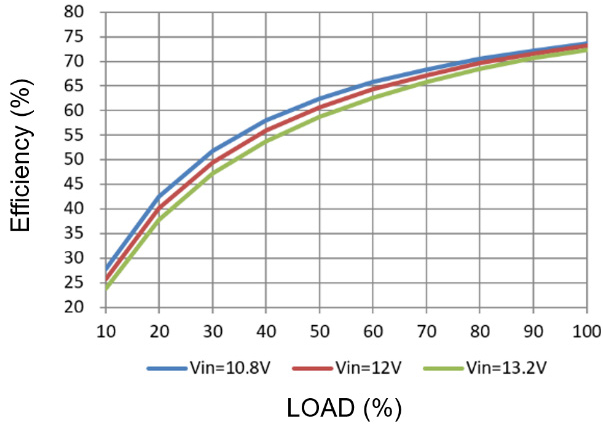
Input Variation versus Output Voltage



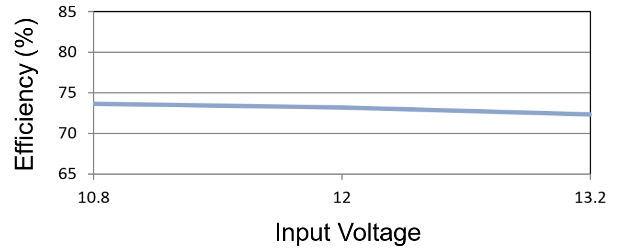
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

### TBA 1-1221E

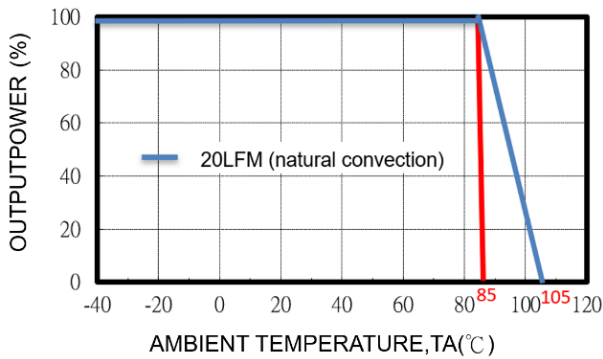
Efficiency versus Output Load



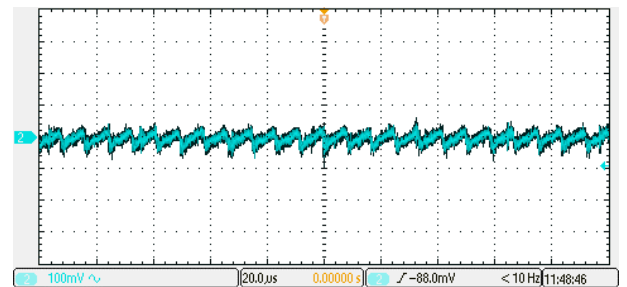
Efficiency versus Input Voltage



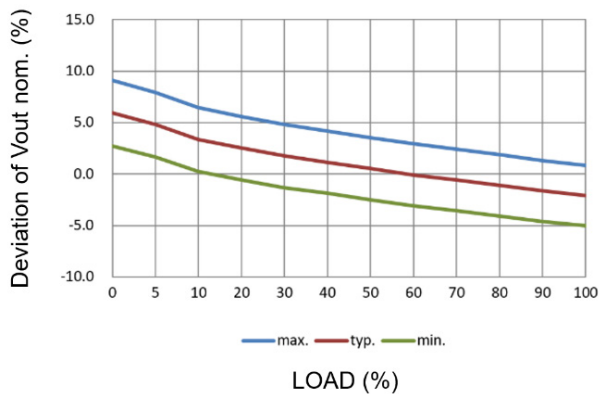
Derating Output Load versus Ambient Temperature



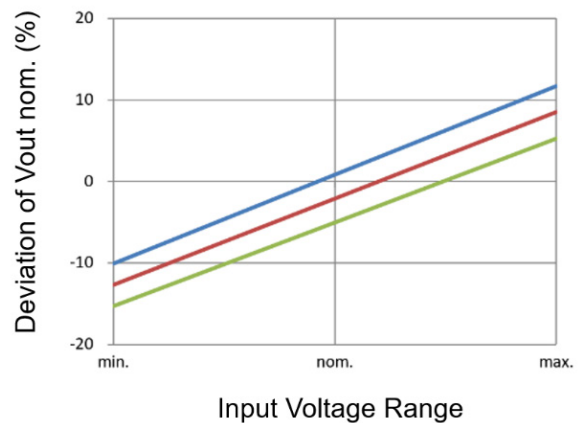
Typical Output Ripple and Noise



Load Variation versus Output Voltage



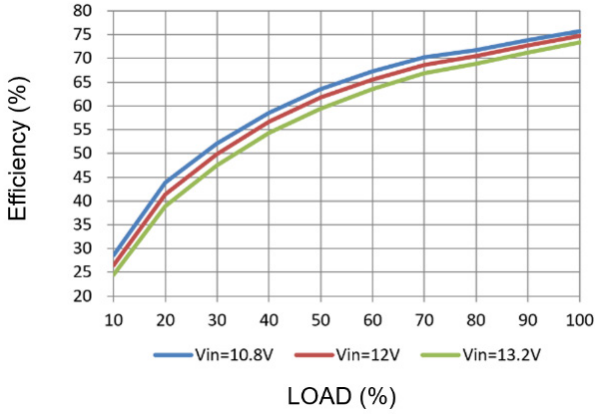
Input Variation versus Output Voltage



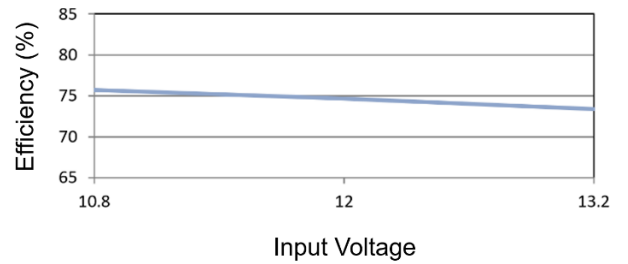
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

### TBA 1-1222E

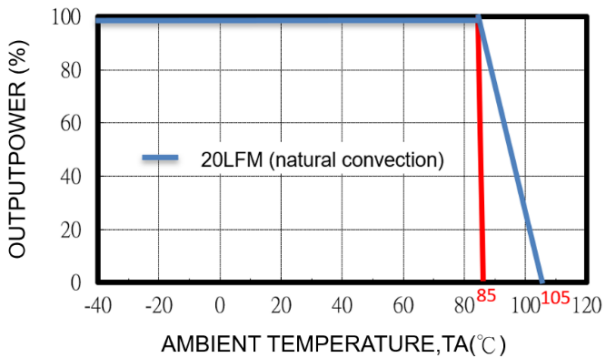
Efficiency versus Output Load



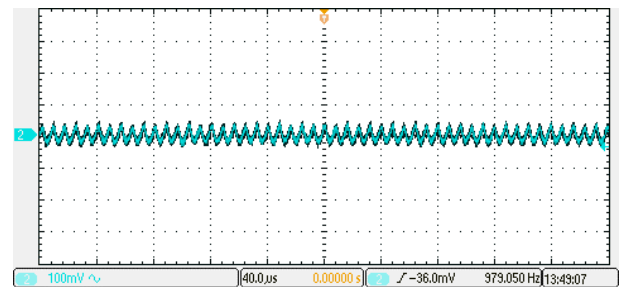
Efficiency versus Input Voltage



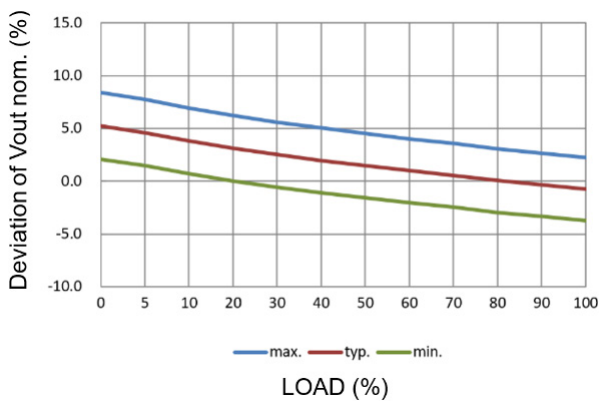
Derating Output Load versus Ambient Temperature



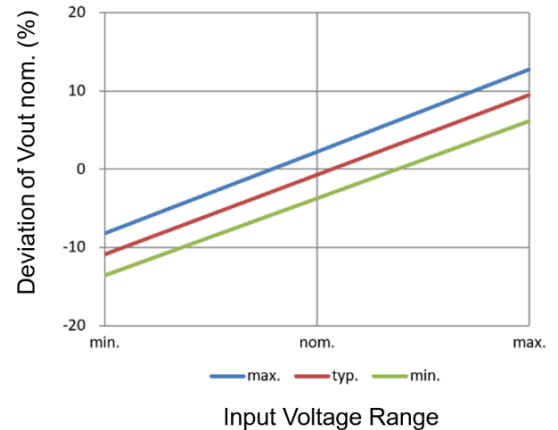
Typical Output Ripple and Noise



Load Variation versus Output Voltage

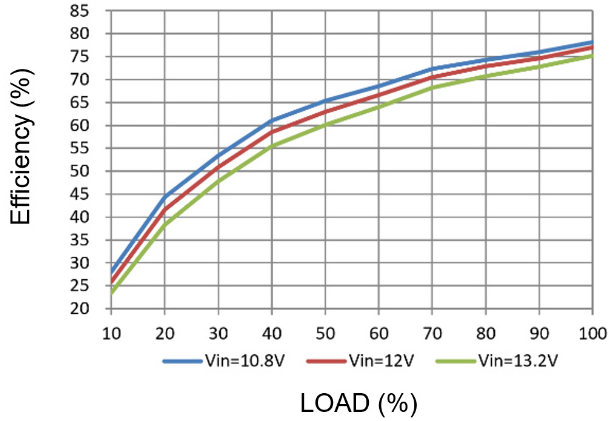


Input Variation versus Output Voltage

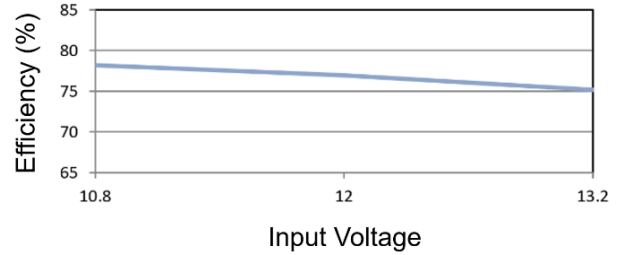


### TBA 1-1223E

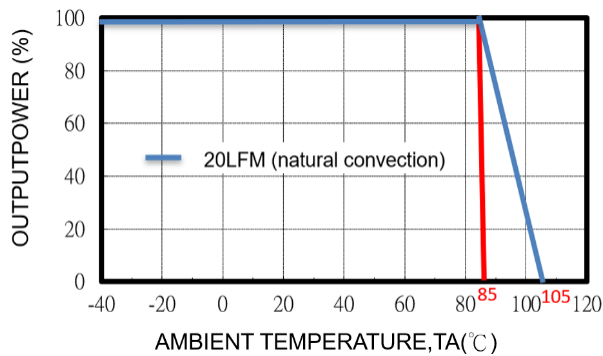
Efficiency versus Output Load



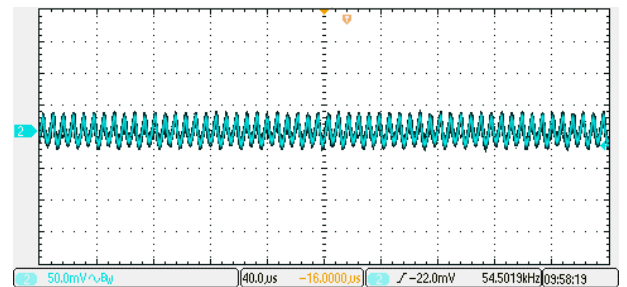
Efficiency versus Input Voltage



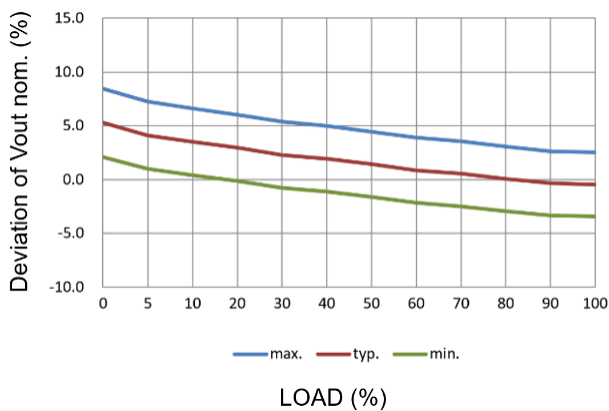
Derating Output Load versus Ambient Temperature



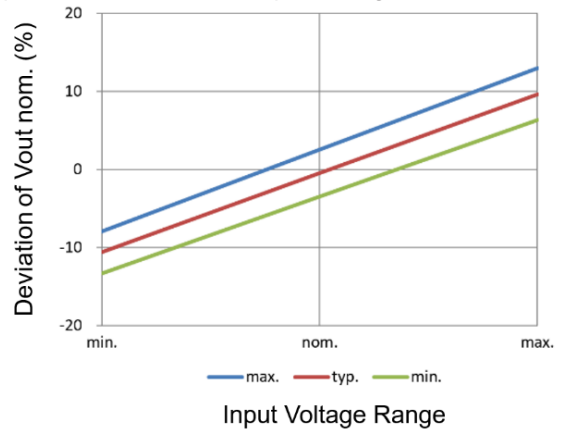
Typical Output Ripple and Noise



Load Variation versus Output Voltage

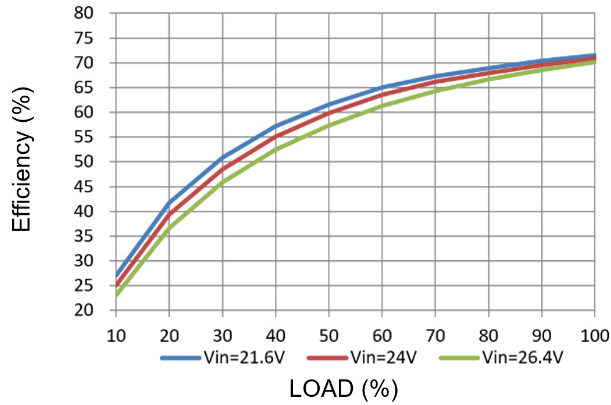


Input Variation versus Output Voltage

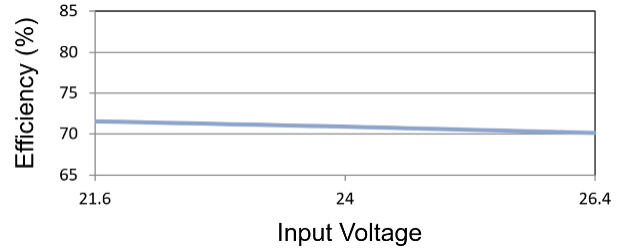


### TBA 1-2411E

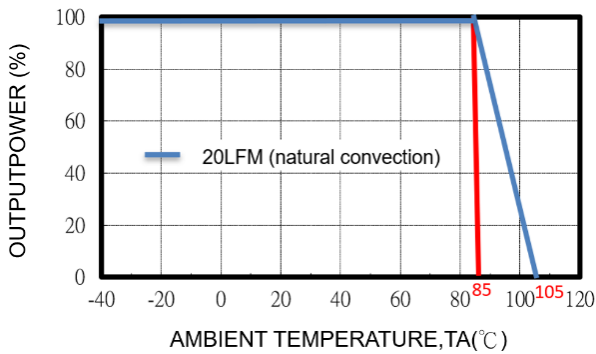
Efficiency versus Output Load



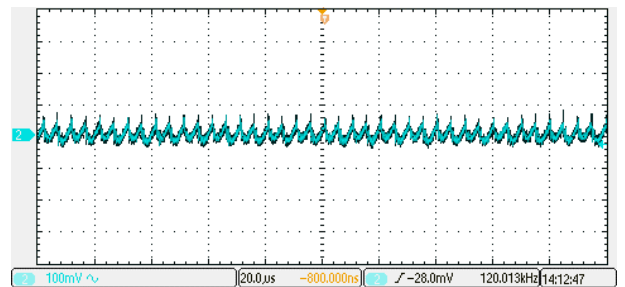
Efficiency versus Input Voltage



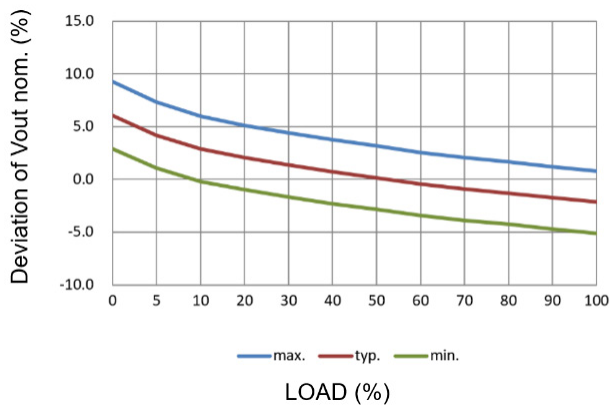
Derating Output Load versus Ambient Temperature



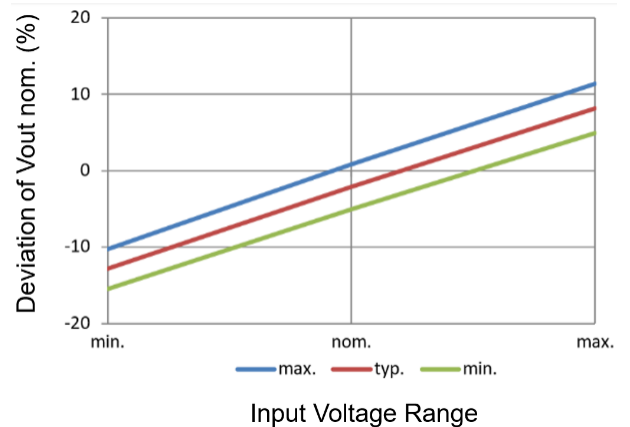
Typical Output Ripple and Noise



Load Variation versus Output Voltage



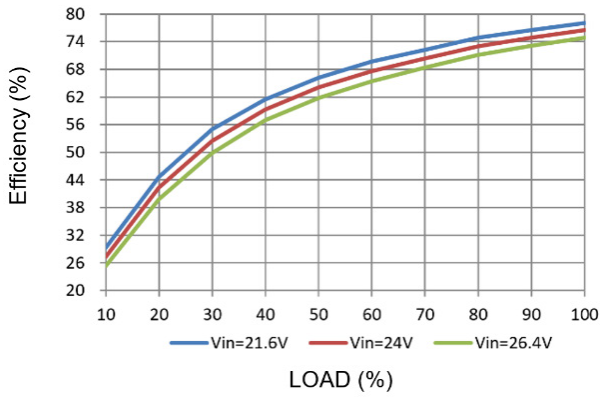
Input Variation versus Output Voltage



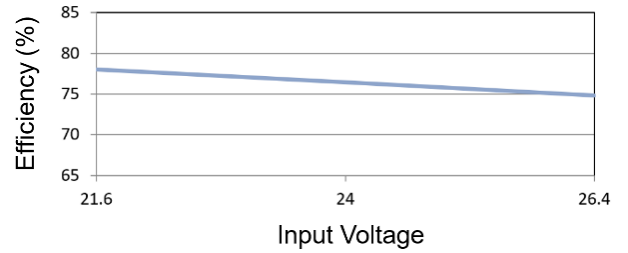
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

### TBA 1-2412E

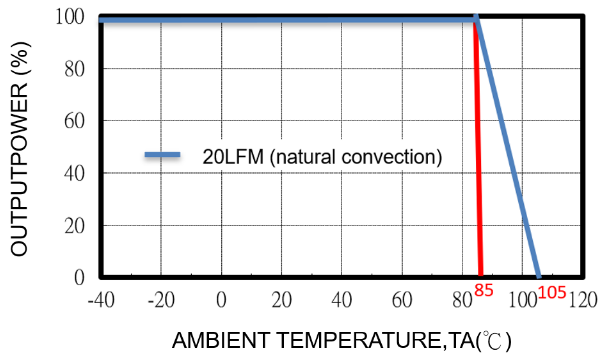
Efficiency versus Output Load



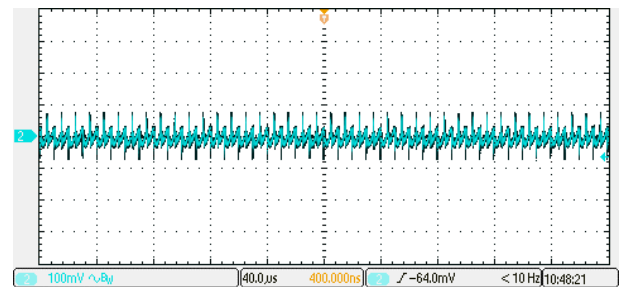
Efficiency versus Input Voltage



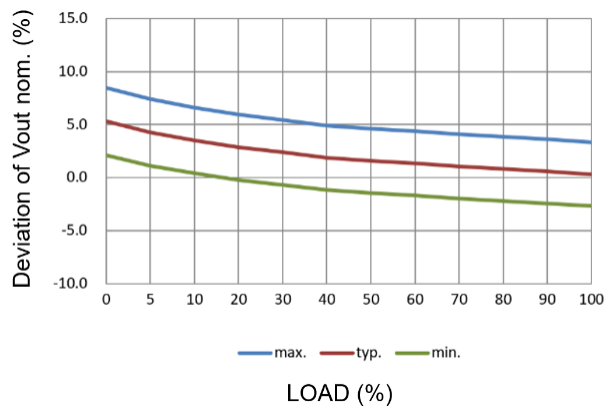
Derating Output Load versus Ambient Temperature



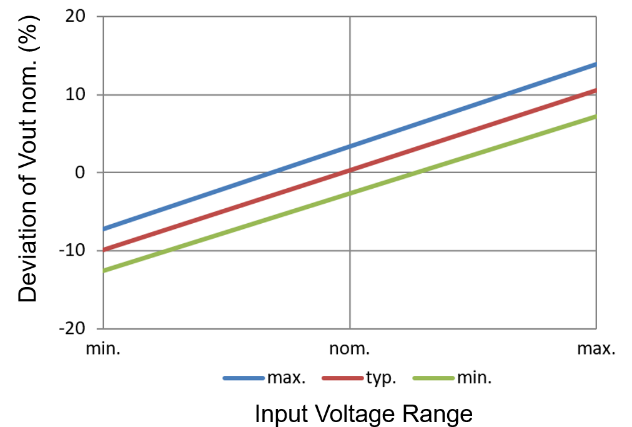
Typical Output Ripple and Noise



Load Variation versus Output Voltage

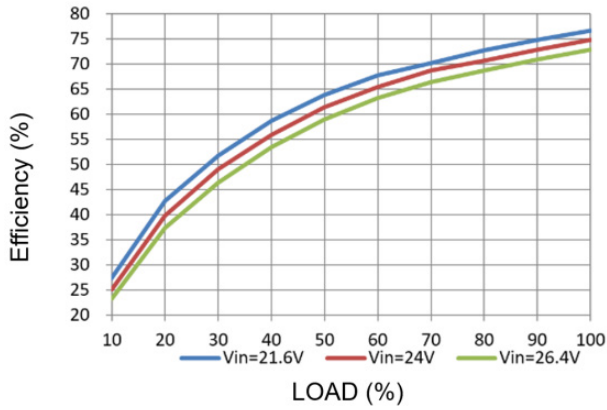


Input Variation versus Output Voltage

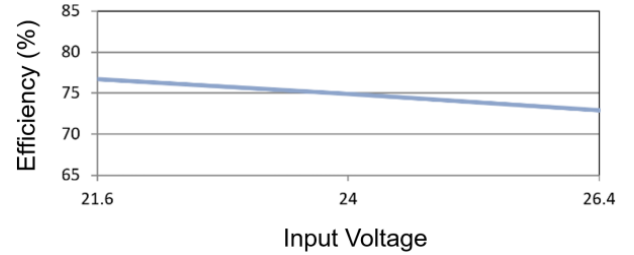


### TBA 1-2413E

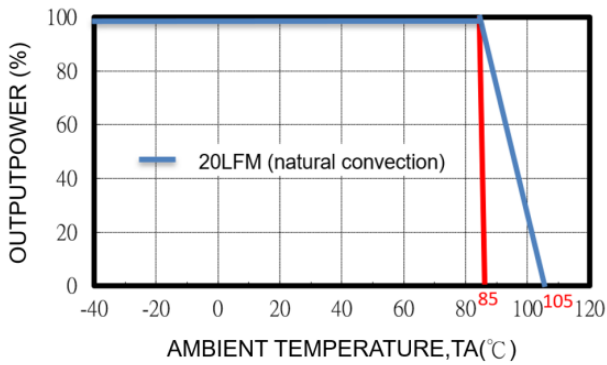
Efficiency versus Output Load



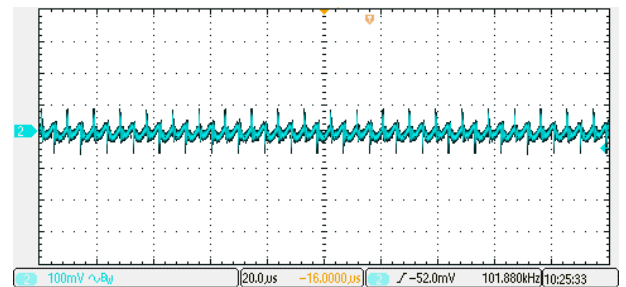
Efficiency versus Input Voltage



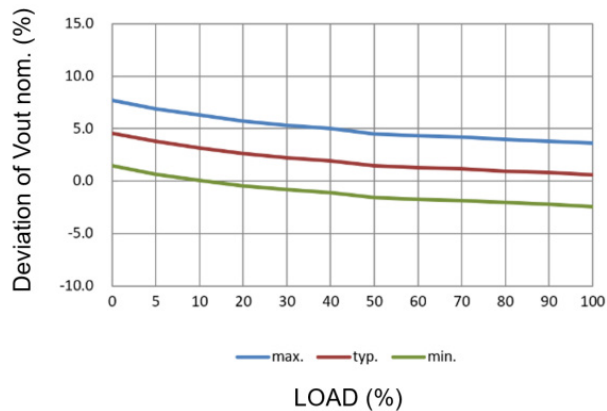
Derating Output Load versus Ambient Temperature



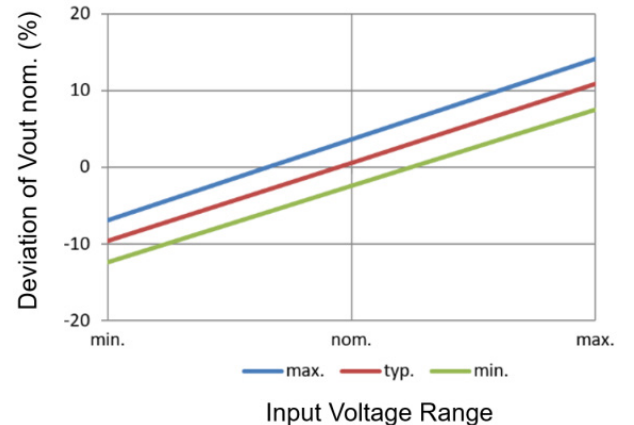
Typical Output Ripple and Noise



Load Variation versus Output Voltage

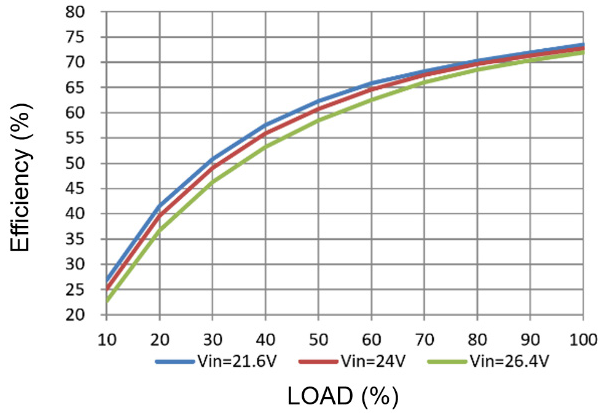


Input Variation versus Output Voltage

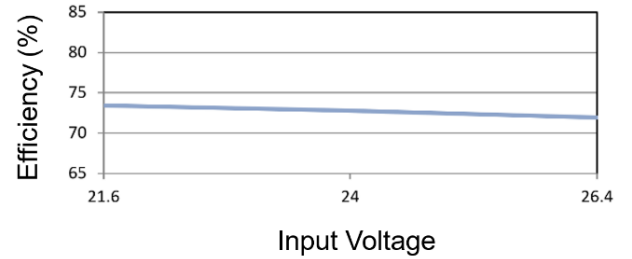


### TBA 1-2421E

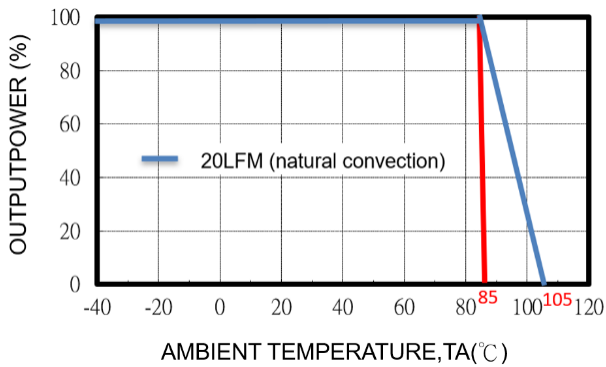
Efficiency versus Output Load



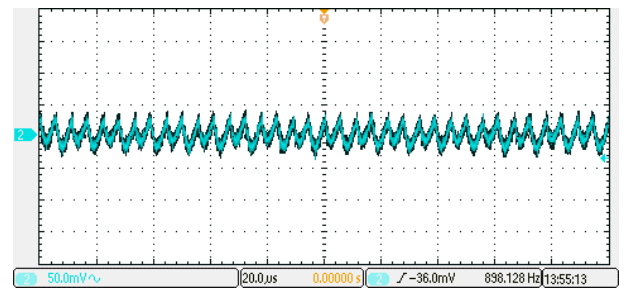
Efficiency versus Input Voltage



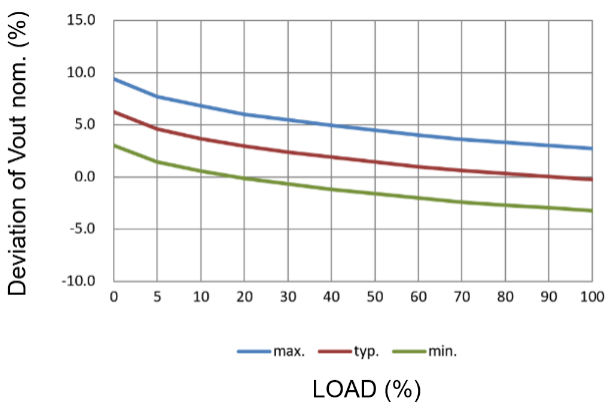
Derating Output Load versus Ambient Temperature



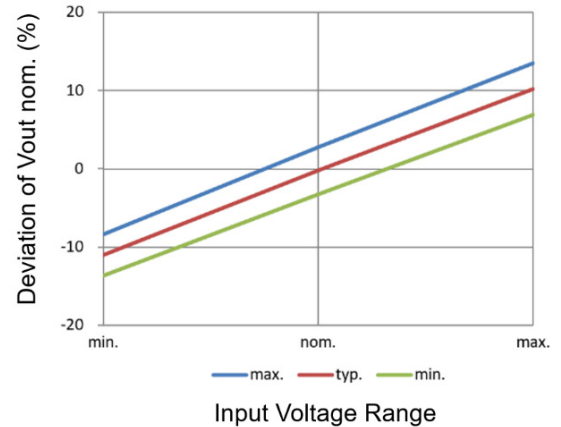
Typical Output Ripple and Noise



Load Variation versus Output Voltage



Input Variation versus Output Voltage

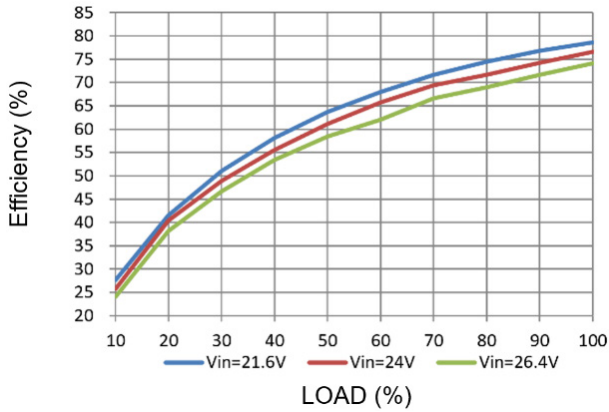


All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

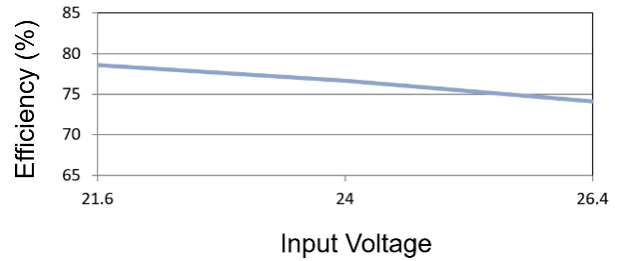


### TBA 1-2422E

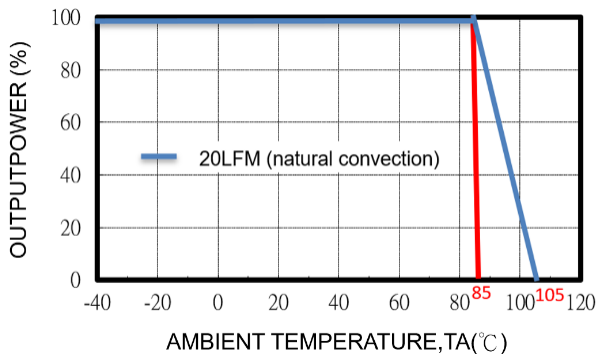
Efficiency versus Output Load



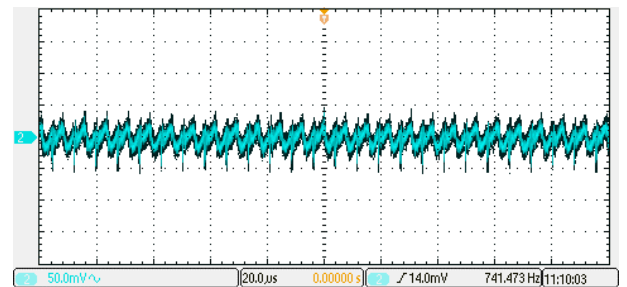
Efficiency versus Input Voltage



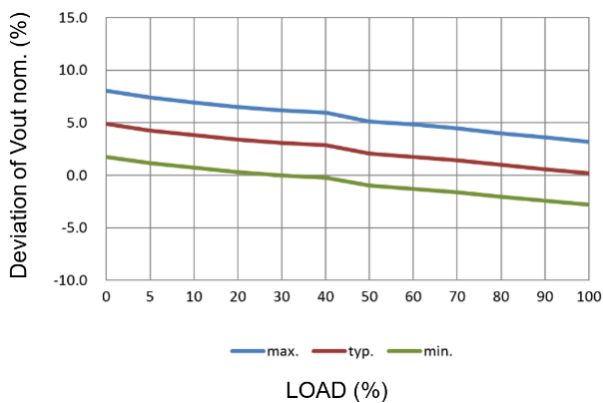
Derating Output Load versus Ambient Temperature



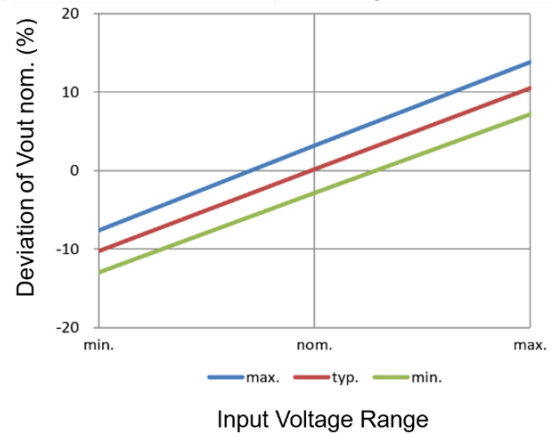
Typical Output Ripple and Noise



Load Variation versus Output Voltage

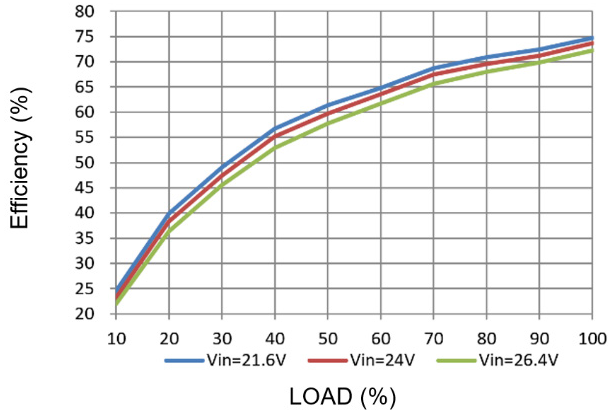


Input Variation versus Output Voltage

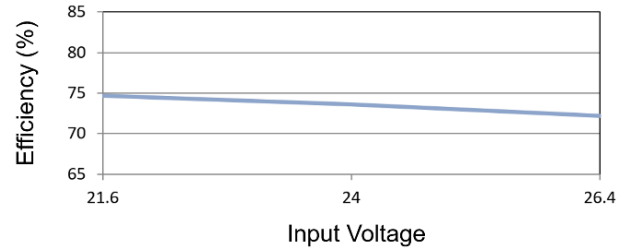


### TBA 1-2423E

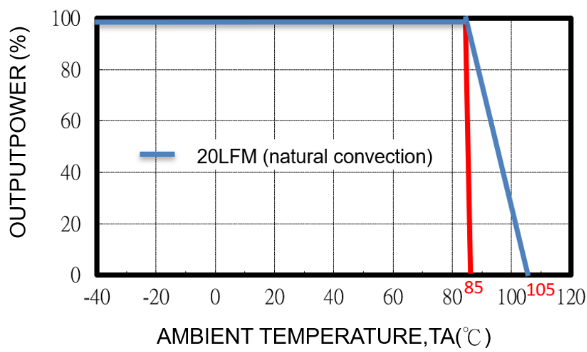
Efficiency versus Output Load



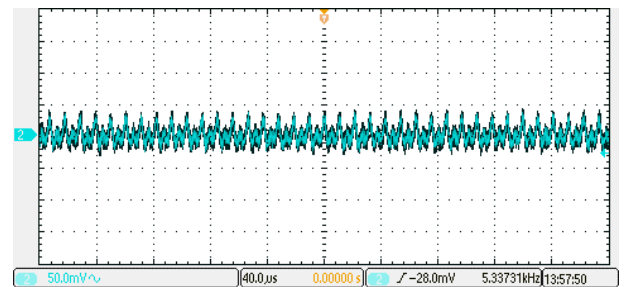
Efficiency versus Input Voltage



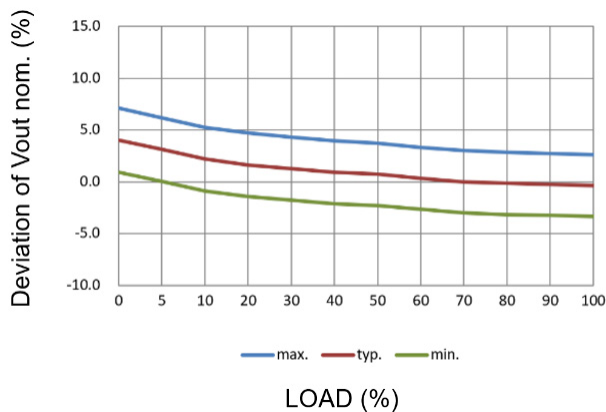
Derating Output Load versus Ambient Temperature



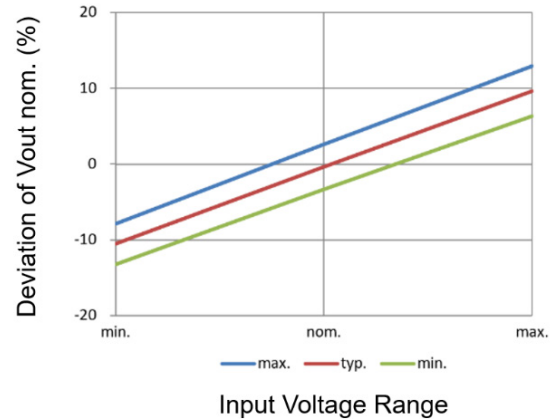
Typical Output Ripple and Noise



Load Variation versus Output Voltage



Input Variation versus Output Voltage



All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.