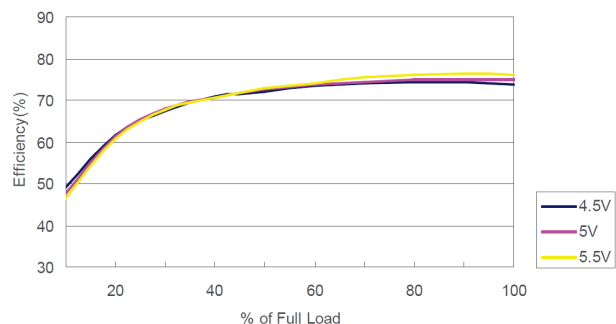


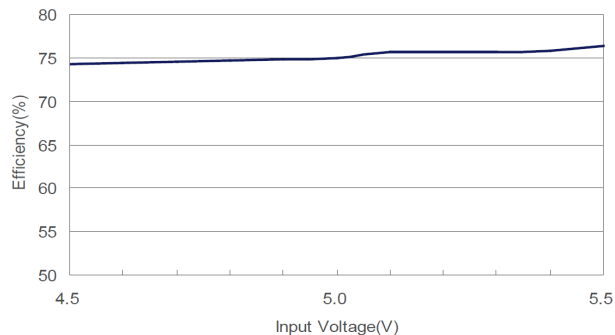
Characteristic Curves

TMA 0505S

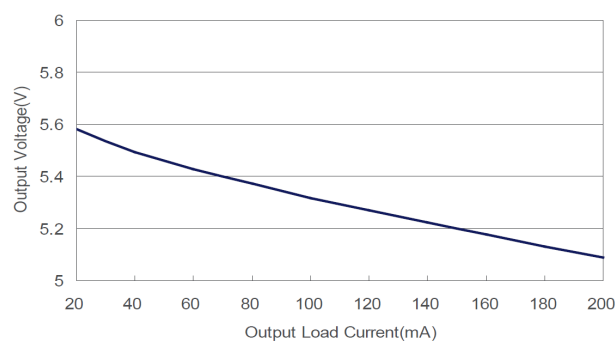
Efficiency versus Output Load



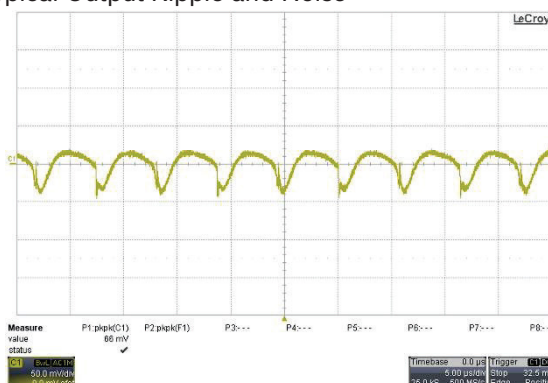
Efficiency versus Input Voltage



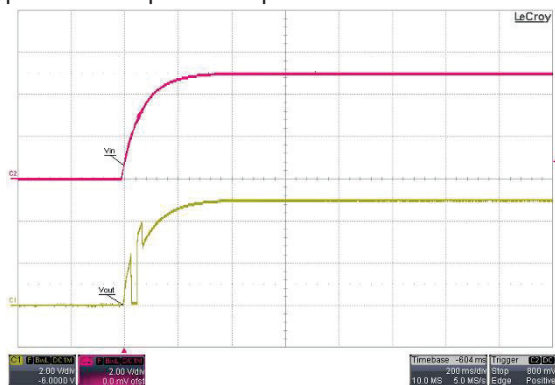
Output Voltage versus Output Current



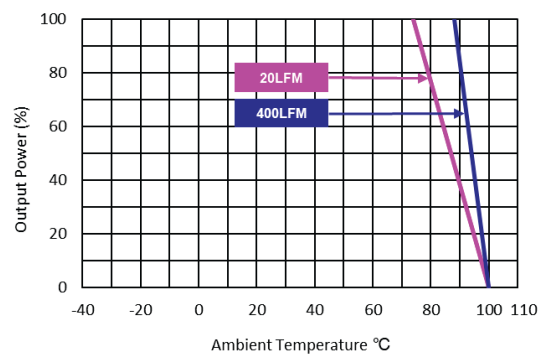
Typical Output Ripple and Noise



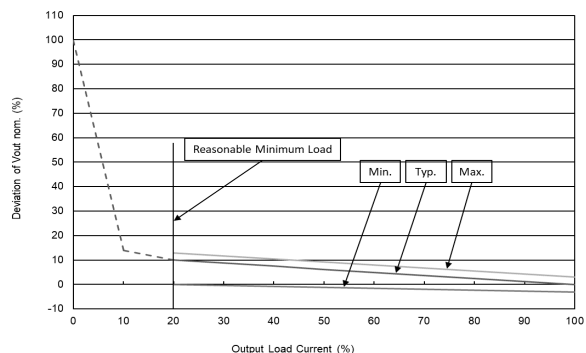
Typical Start-Up and Output Rise Characteristic



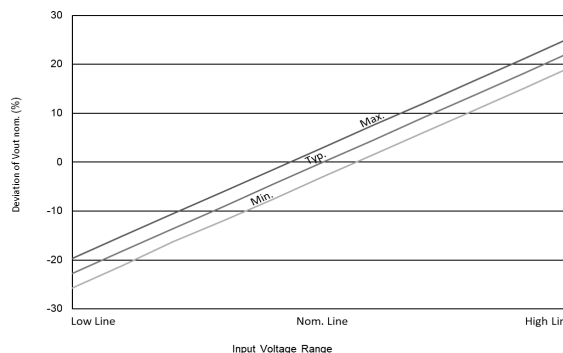
Derating Output Load versus Ambient Temperature



Load Variation versus Output Voltage

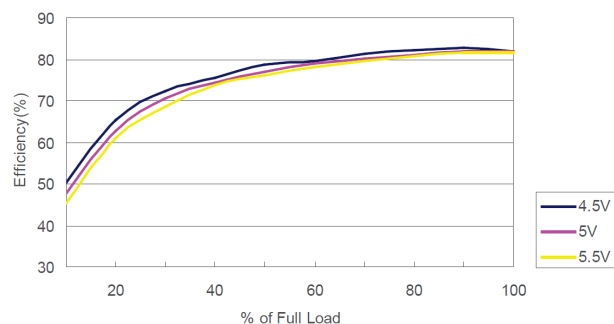


Input Variation versus Output Voltage

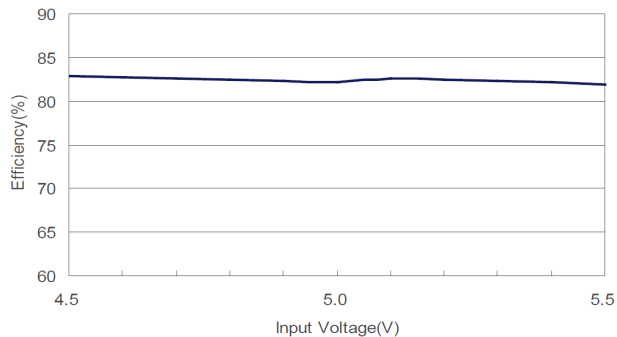


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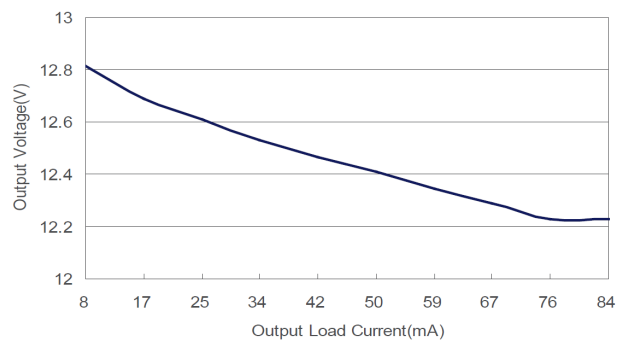
Efficiency versus Output Load



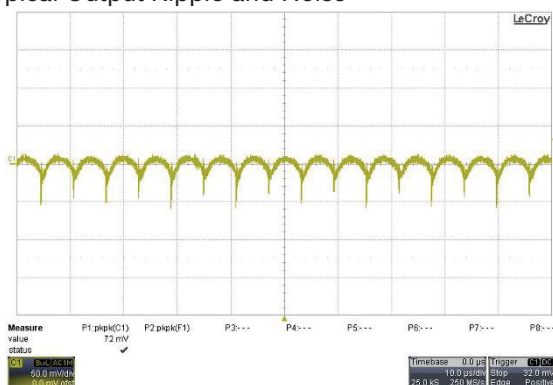
Efficiency versus Input Voltage



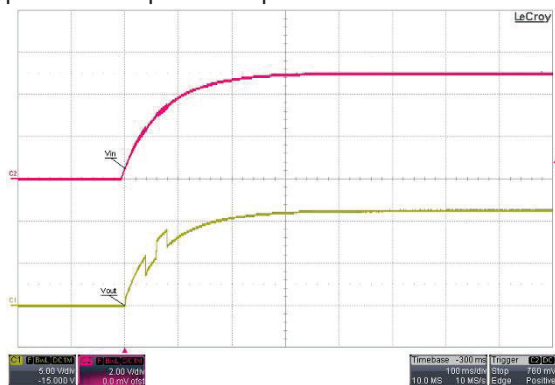
Output Voltage versus Output Current



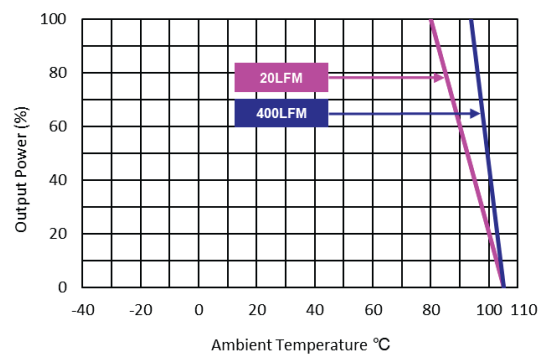
Typical Output Ripple and Noise



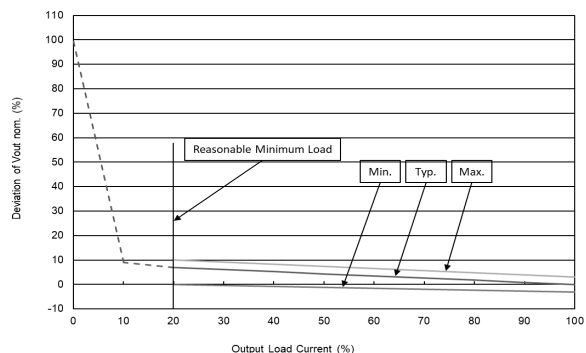
Typical Start-Up and Output Rise Characteristic



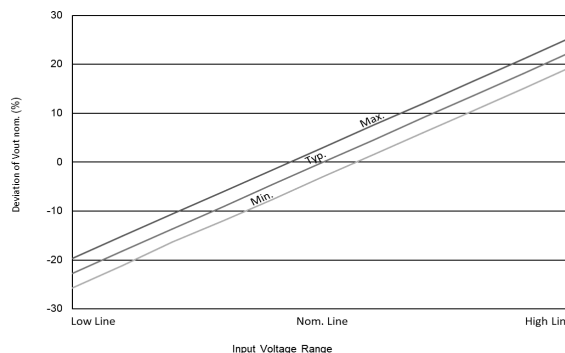
Derating Output Load versus Ambient Temperature



Load Variation versus Output Voltage

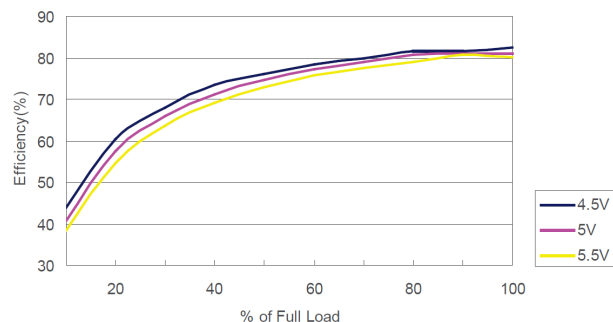


Input Variation versus Output Voltage

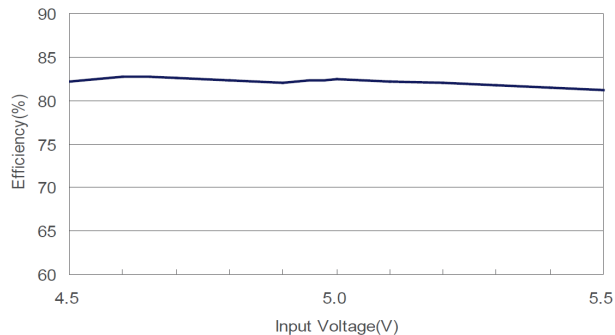


TMA 0515S

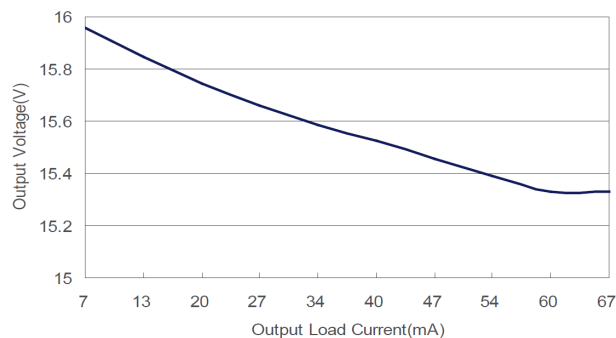
Efficiency versus Output Load



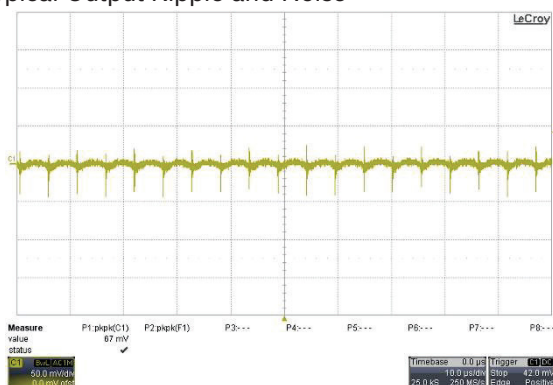
Efficiency versus Input Voltage



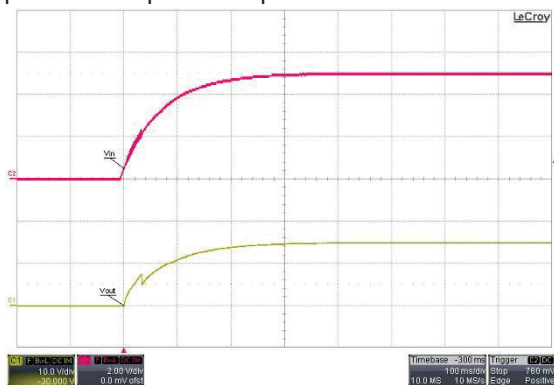
Output Voltage versus Output Current



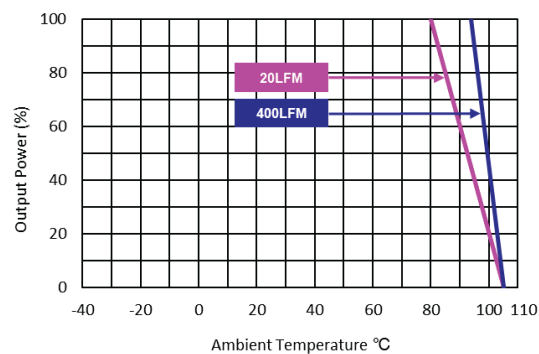
Typical Output Ripple and Noise



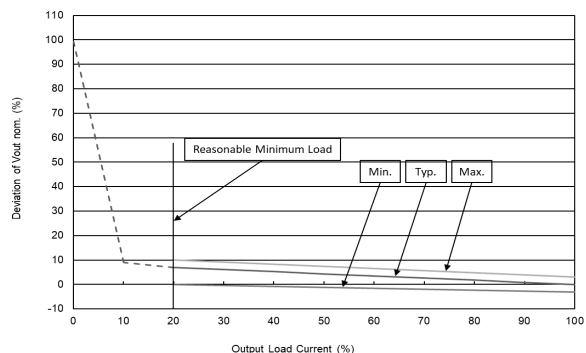
Typical Start-Up and Output Rise Characteristic



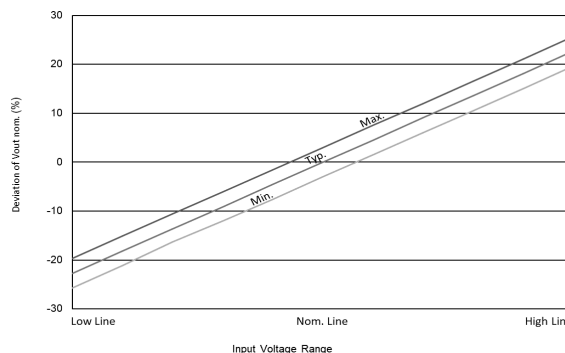
Derating Output Load versus Ambient Temperature



Load Variation versus Output Voltage

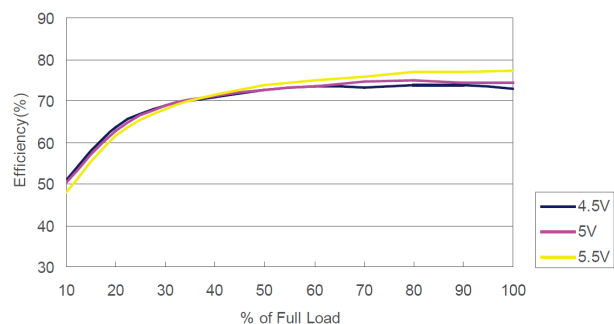


Input Variation versus Output Voltage

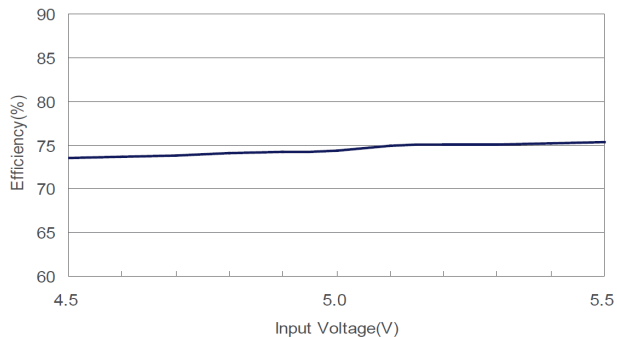


TMA 0505D

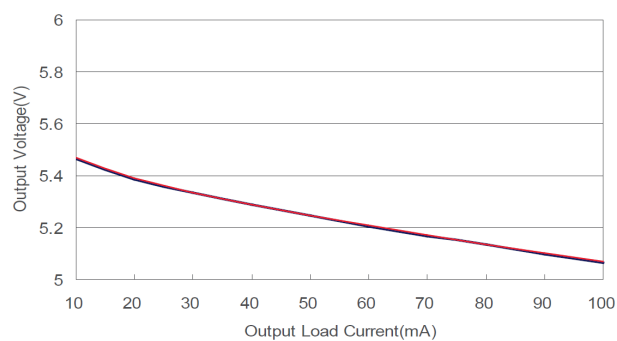
Efficiency versus Output Load



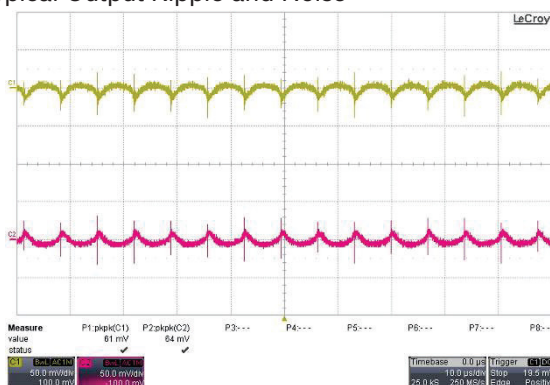
Efficiency versus Input Voltage



Output Voltage versus Output Current



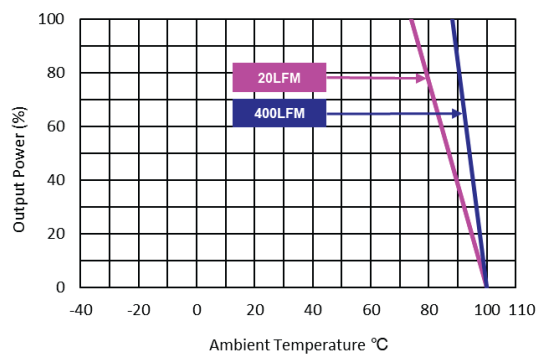
Typical Output Ripple and Noise



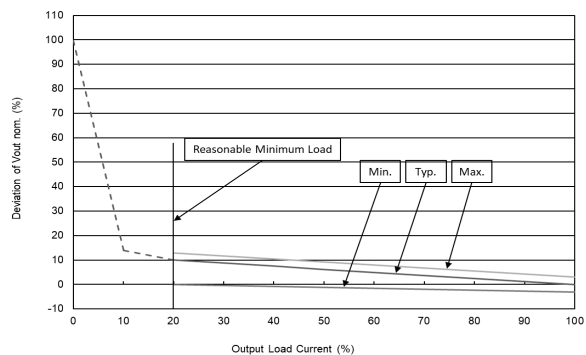
Typical Start-Up and Output Rise Characteristic



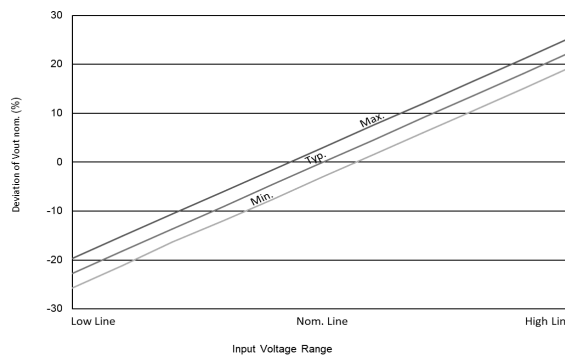
Derating Output Load versus Ambient Temperature



Load Variation versus Output Voltage

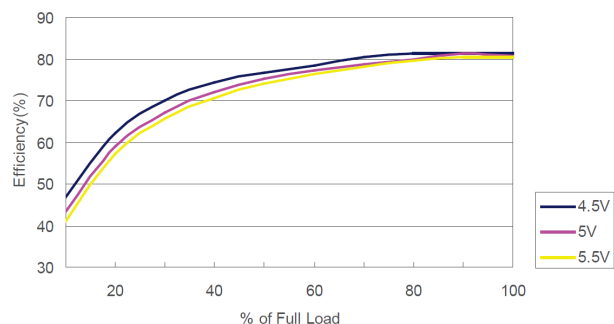


Input Variation versus Output Voltage

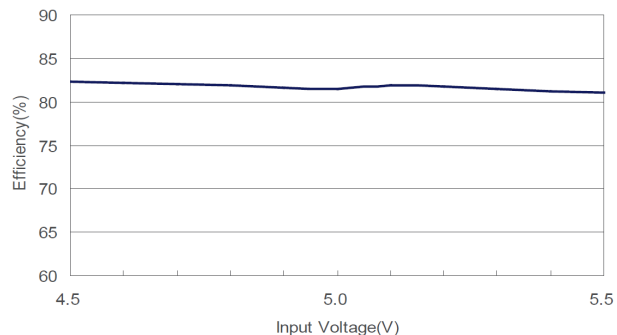


TMA 0512D

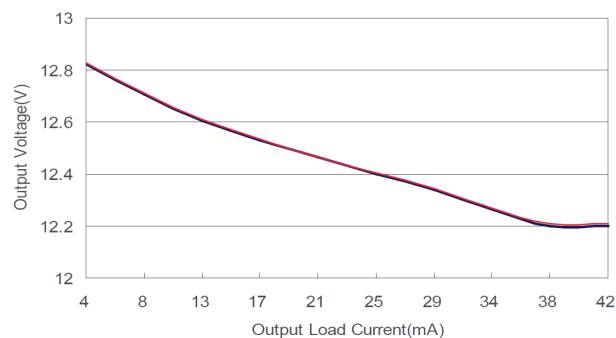
Efficiency versus Output Load



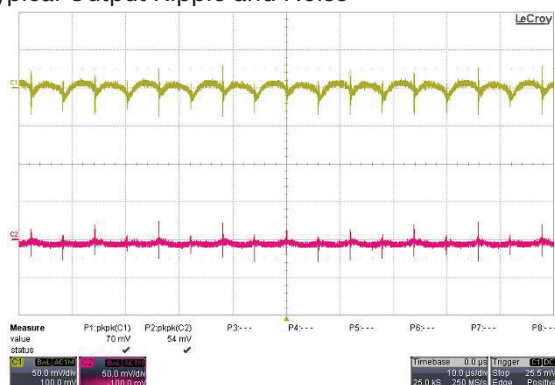
Efficiency versus Input Voltage



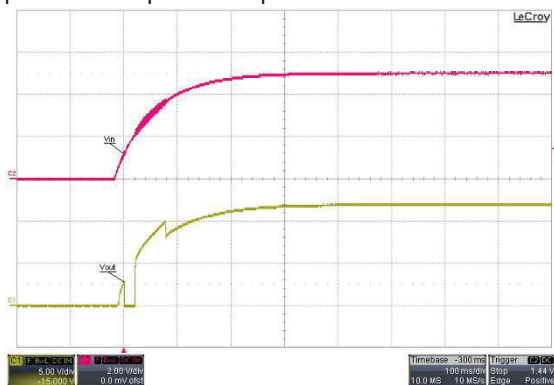
Output Voltage versus Output Current



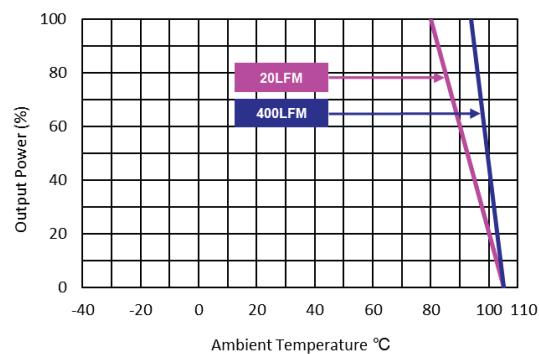
Typical Output Ripple and Noise



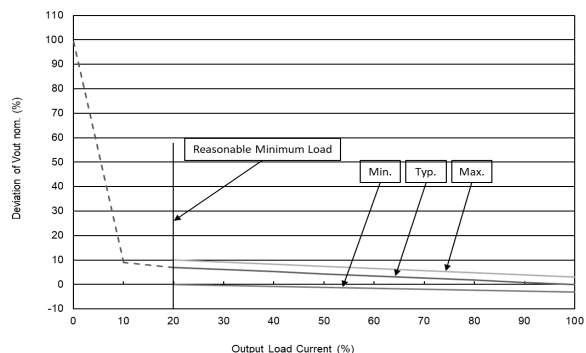
Typical Start-Up and Output Rise Characteristic



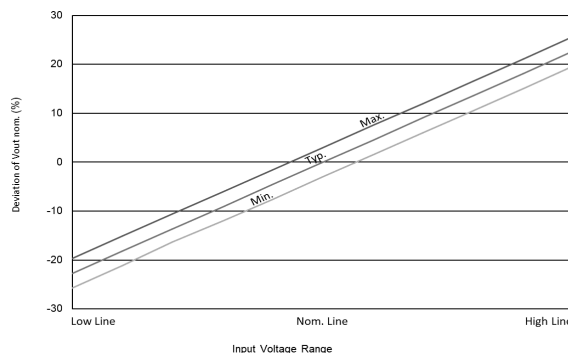
Derating Output Load versus Ambient Temperature



Load Variation versus Output Voltage

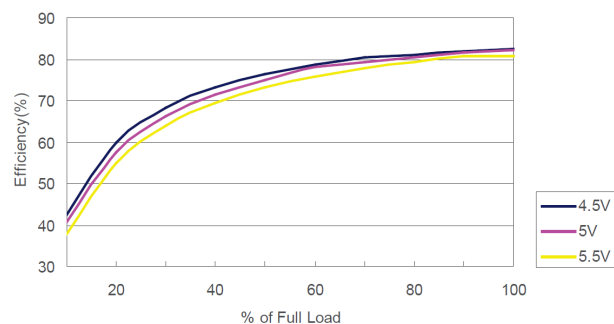


Input Variation versus Output Voltage

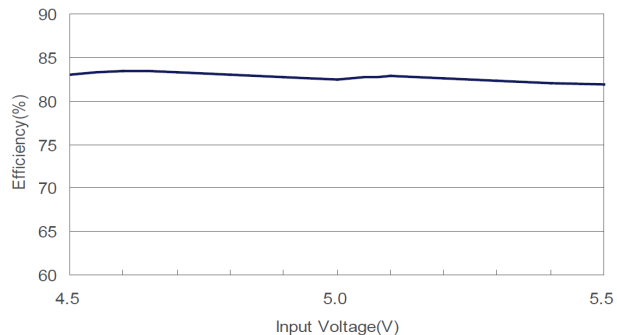


TMA 0515D

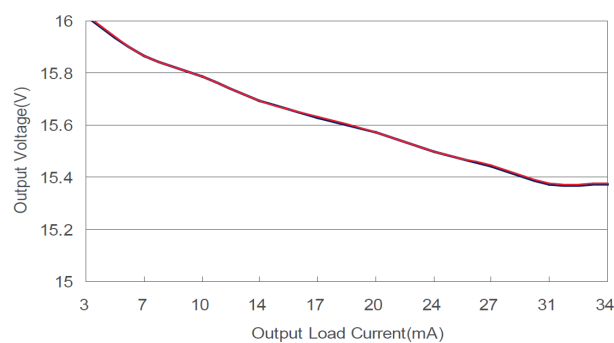
Efficiency versus Output Load



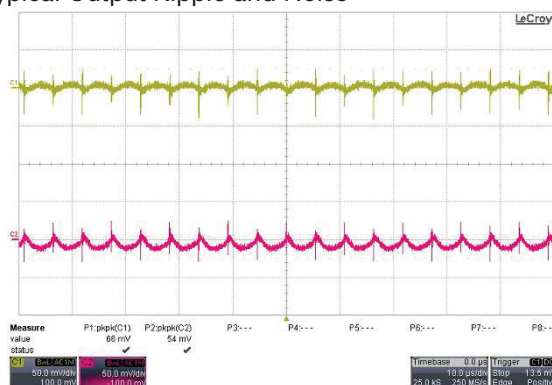
Efficiency versus Input Voltage



Output Voltage versus Output Current



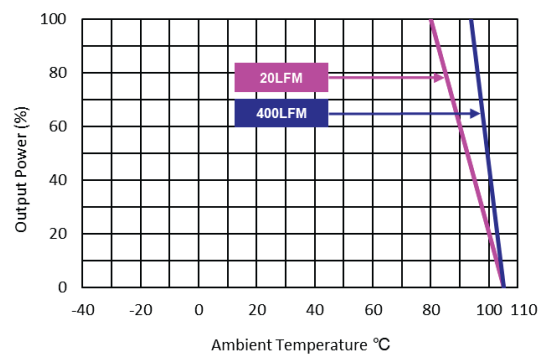
Typical Output Ripple and Noise



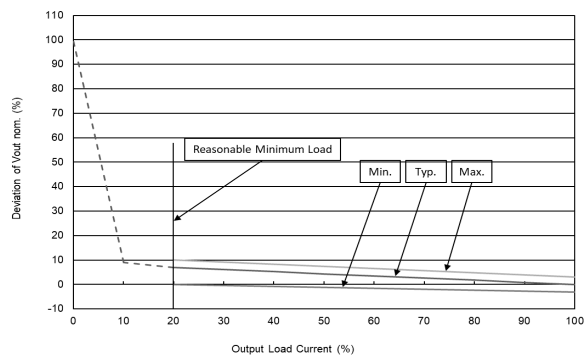
Typical Start-Up and Output Rise Characteristic



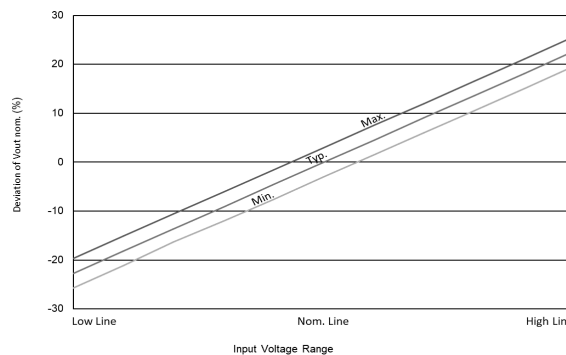
Derating Output Load versus Ambient Temperature



Load Variation versus Output Voltage

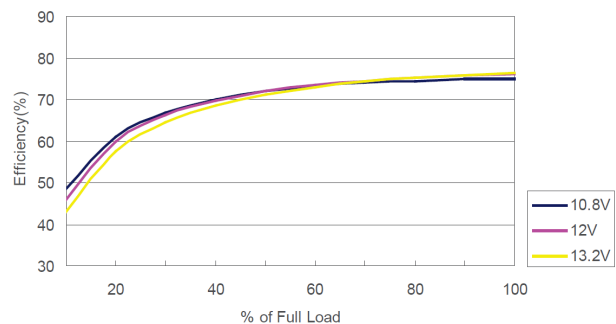


Input Variation versus Output Voltage

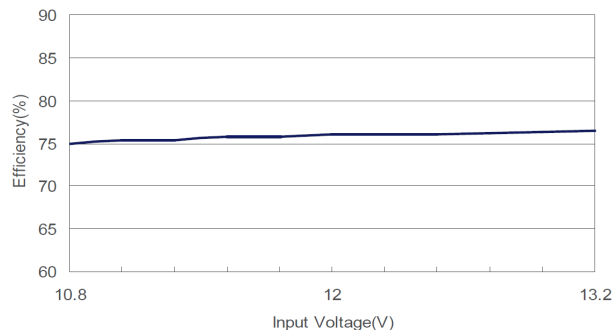


TMA 1205S

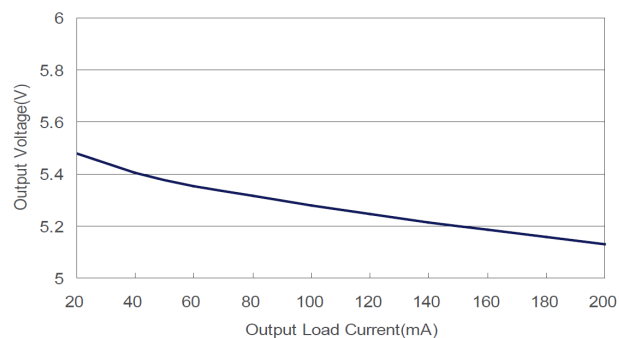
Efficiency versus Output Load



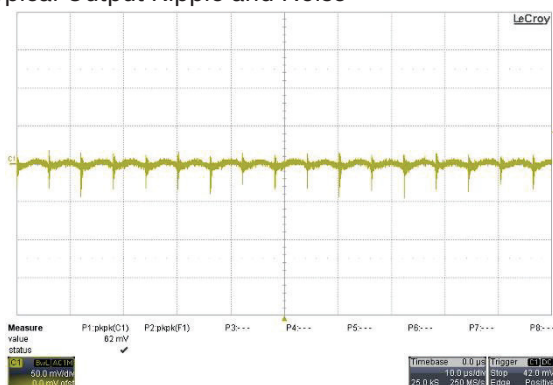
Efficiency versus Input Voltage



Output Voltage versus Output Current



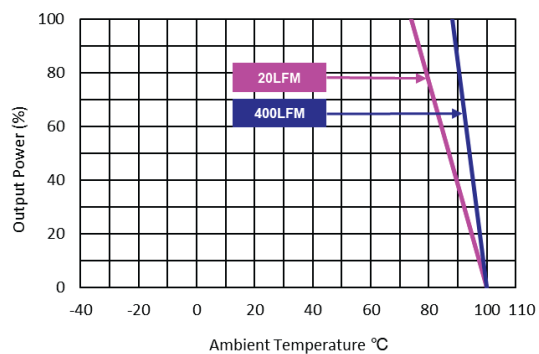
Typical Output Ripple and Noise



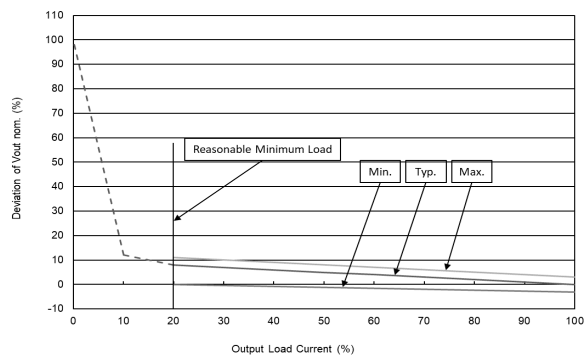
Typical Start-Up and Output Rise Characteristic



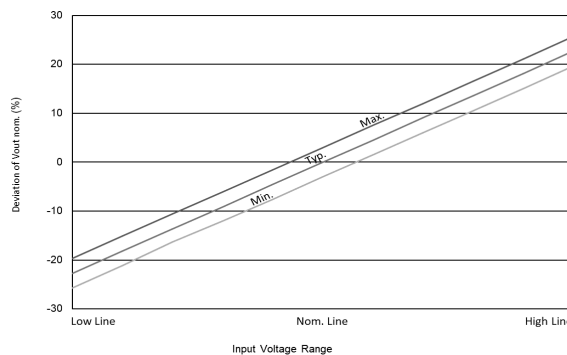
Derating Output Load versus Ambient Temperature



Load Variation versus Output Voltage

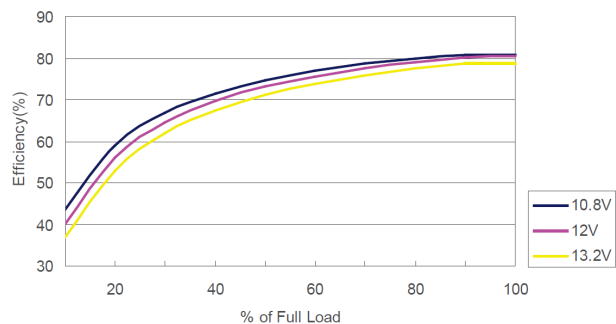


Input Variation versus Output Voltage

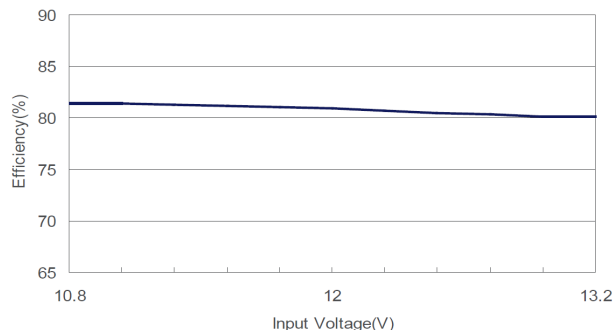


TMA 1212S

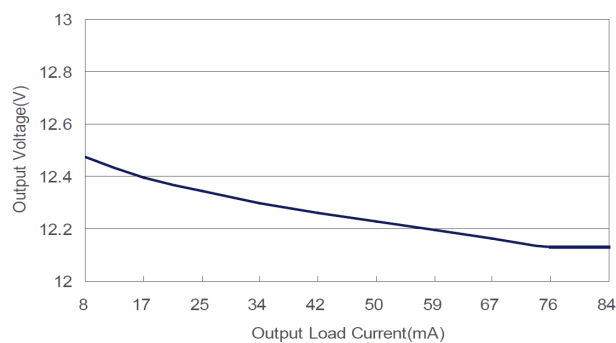
Efficiency versus Output Load



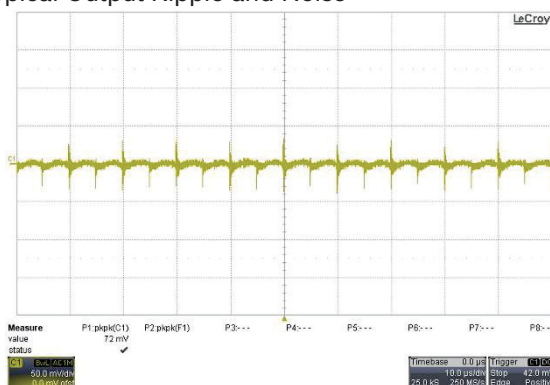
Efficiency versus Input Voltage



Output Voltage versus Output Current



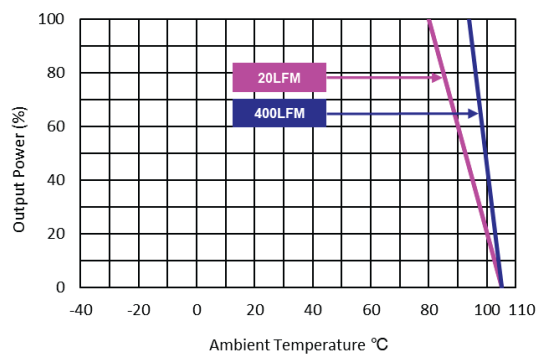
Typical Output Ripple and Noise



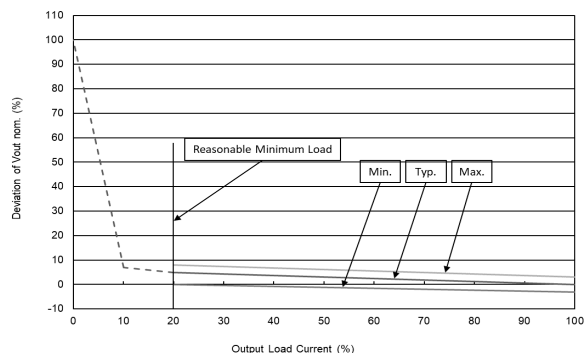
Typical Start-Up and Output Rise Characteristic



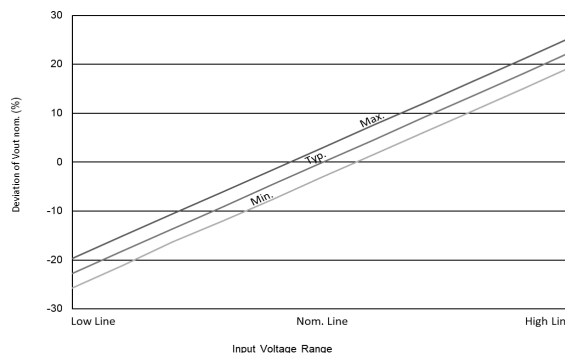
Derating Output Load versus Ambient Temperature



Load Variation versus Output Voltage

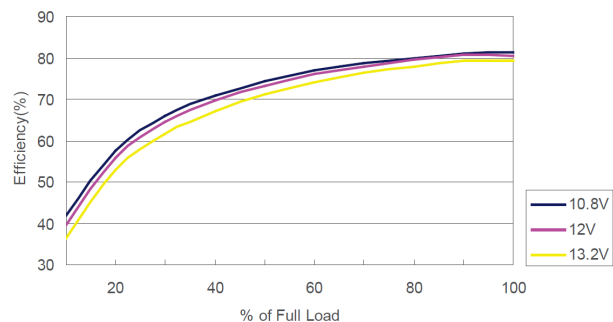


Input Variation versus Output Voltage

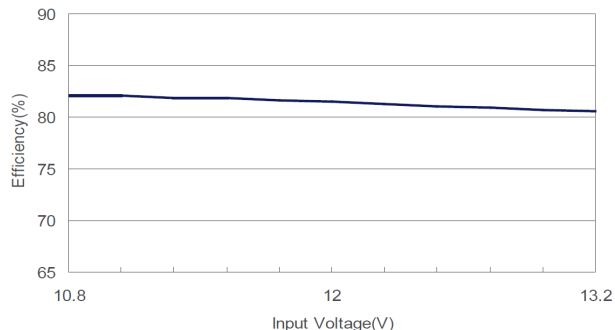


TMA 1215S

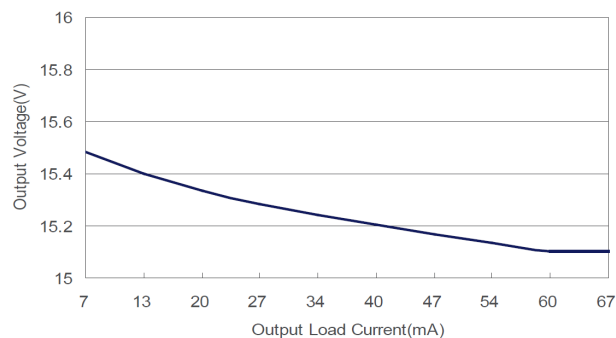
Efficiency versus Output Load



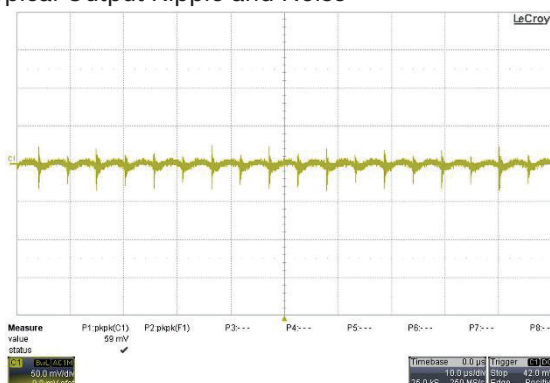
Efficiency versus Input Voltage



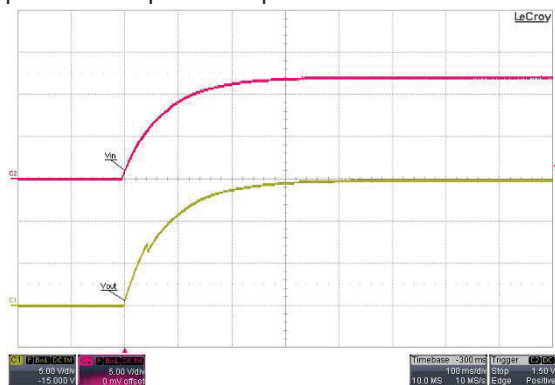
Output Voltage versus Output Current



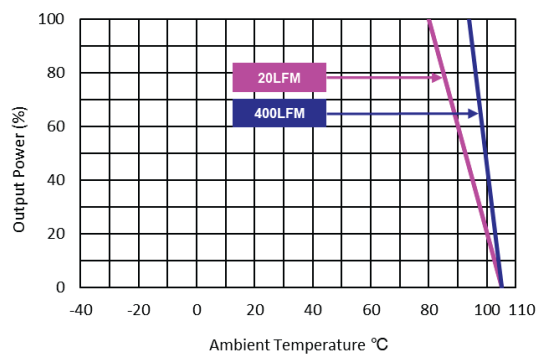
Typical Output Ripple and Noise



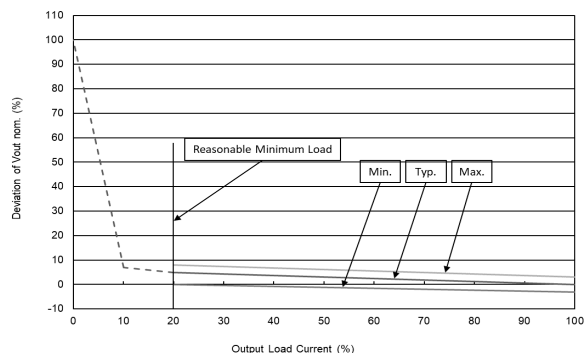
Typical Start-Up and Output Rise Characteristic



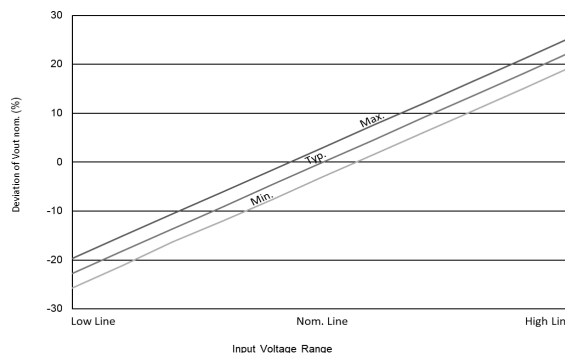
Derating Output Load versus Ambient Temperature



Load Variation versus Output Voltage

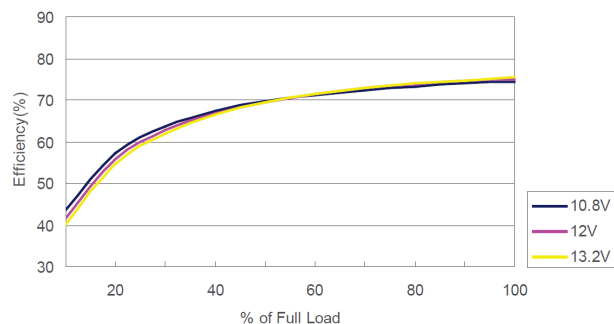


Input Variation versus Output Voltage

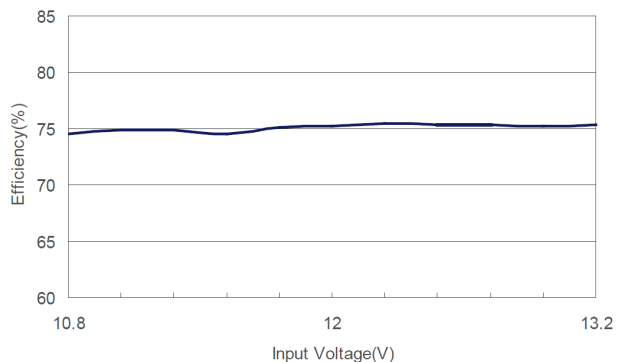


TMA 1205D

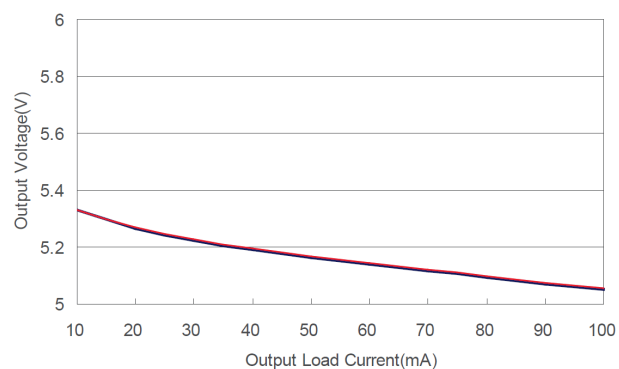
Efficiency versus Output Load



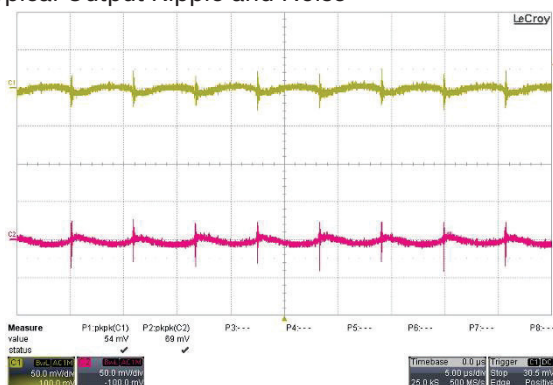
Efficiency versus Input Voltage



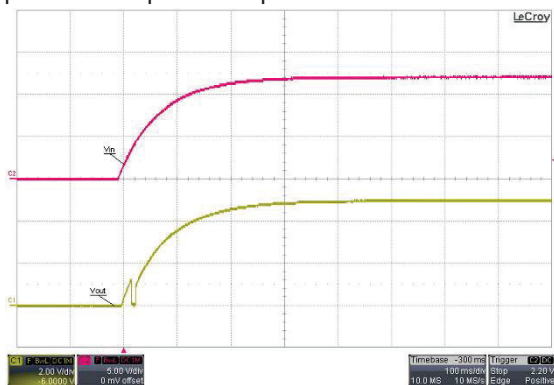
Output Voltage versus Output Current



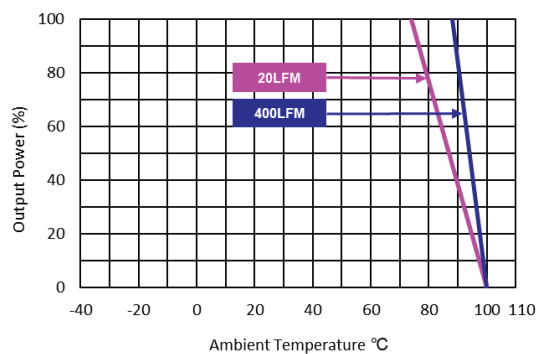
Typical Output Ripple and Noise



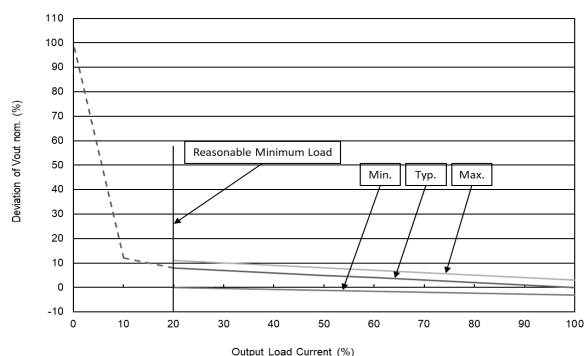
Typical Start-Up and Output Rise Characteristic



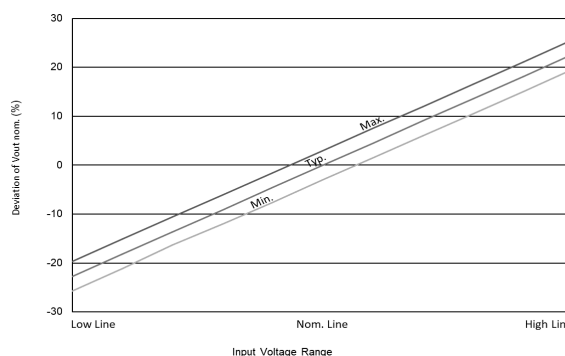
Derating Output Load versus Ambient Temperature



Load Variation versus Output Voltage

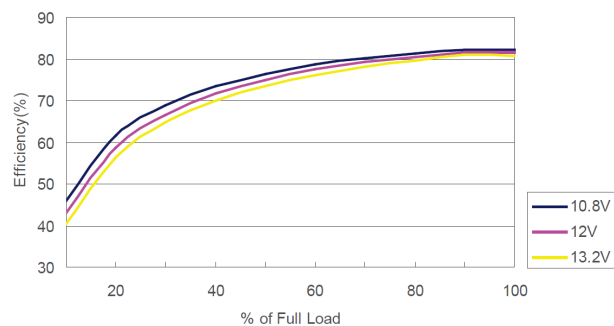


Input Variation versus Output Voltage

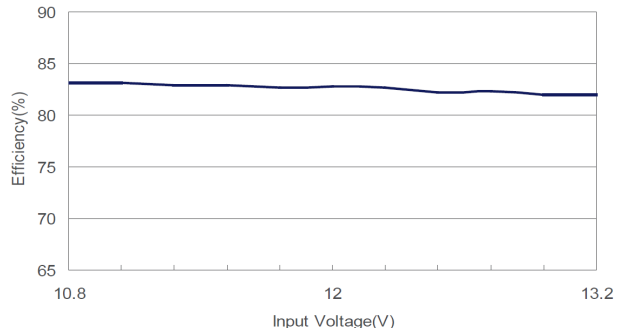


TMA 1212D

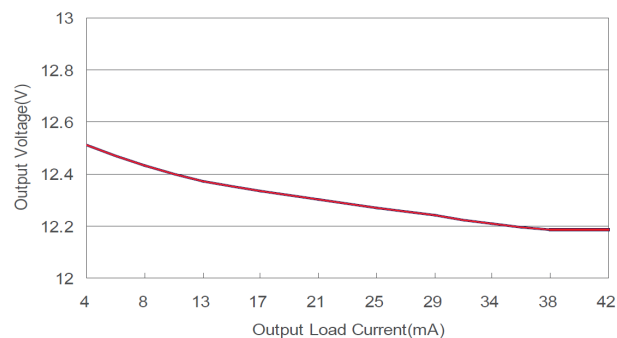
Efficiency versus Output Load



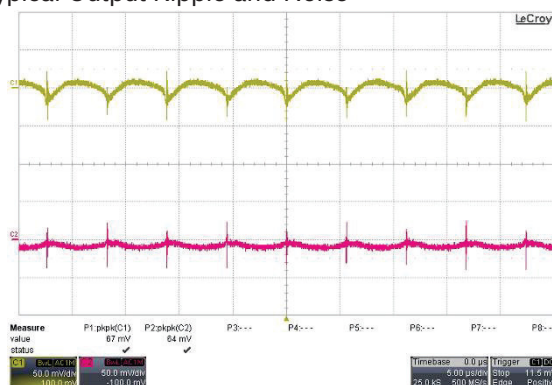
Efficiency versus Input Voltage



Output Voltage versus Output Current



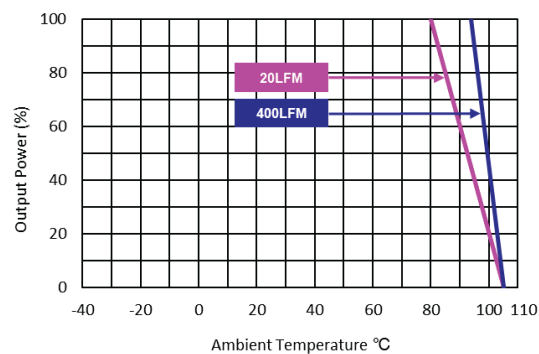
Typical Output Ripple and Noise



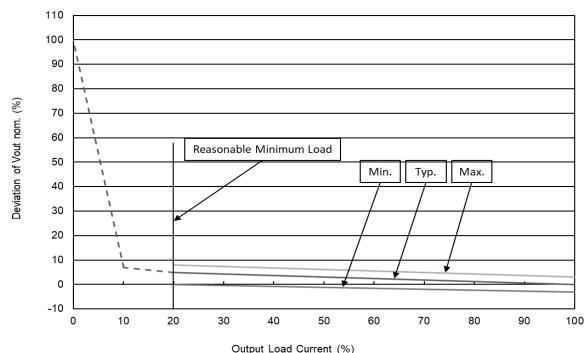
Typical Start-Up and Output Rise Characteristic



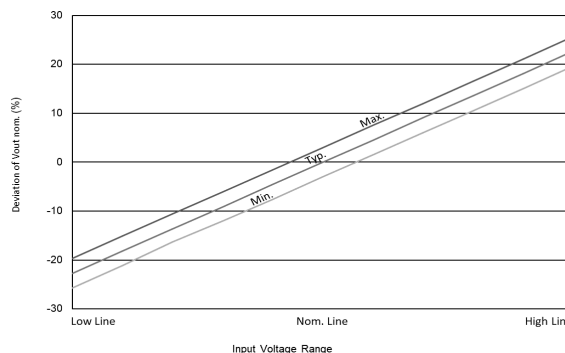
Derating Output Load versus Ambient Temperature



Load Variation versus Output Voltage

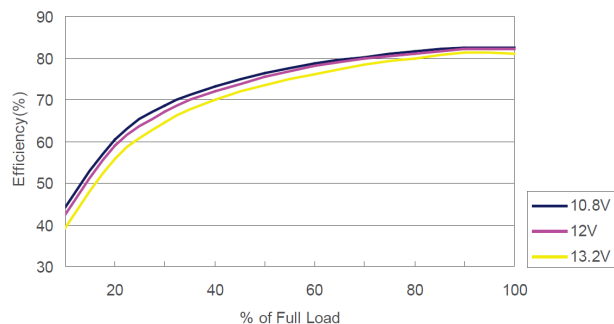


Input Variation versus Output Voltage

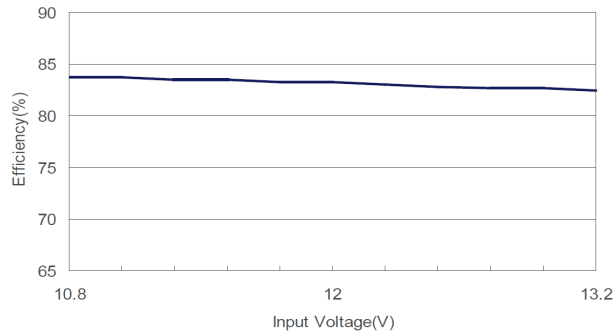


TMA 1215D

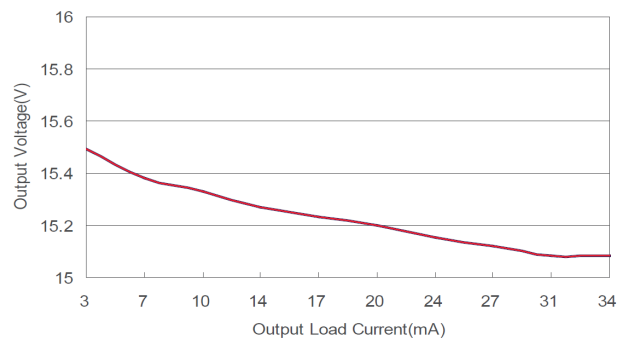
Efficiency versus Output Load



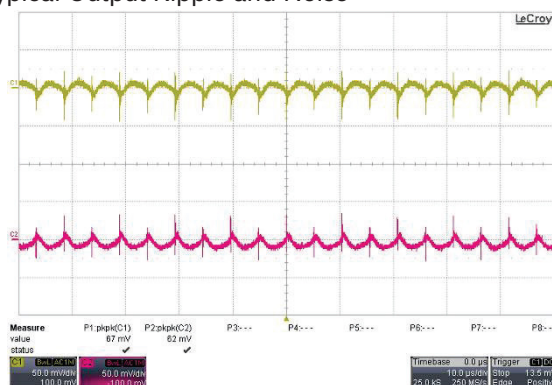
Efficiency versus Input Voltage



Output Voltage versus Output Current



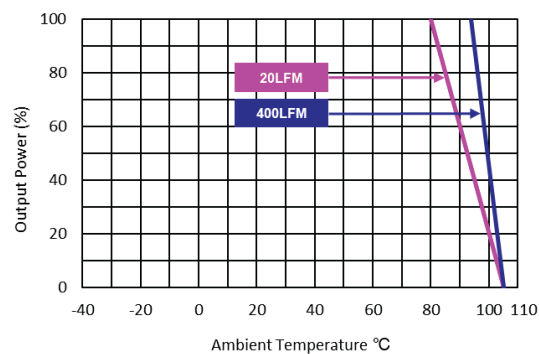
Typical Output Ripple and Noise



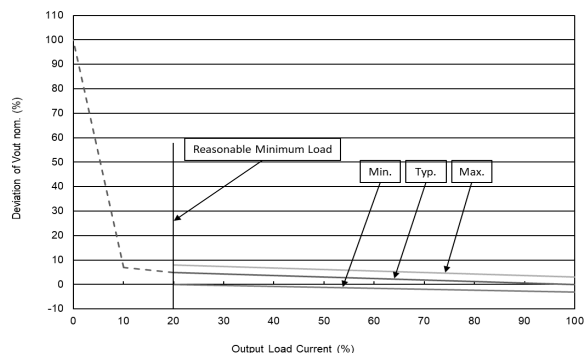
Typical Start-Up and Output Rise Characteristic



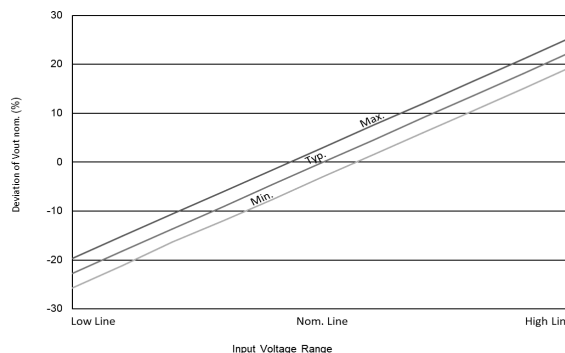
Derating Output Load versus Ambient Temperature



Load Variation versus Output Voltage

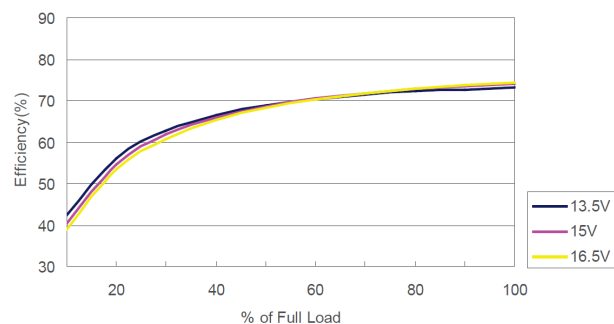


Input Variation versus Output Voltage

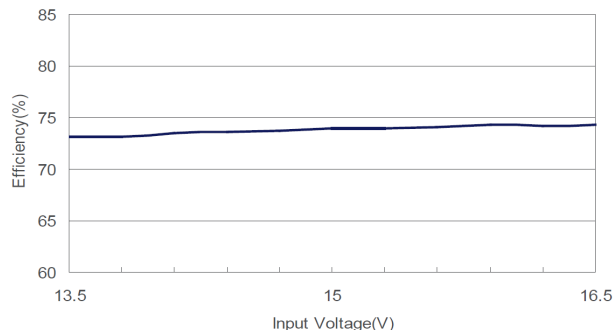


TMA 1505S

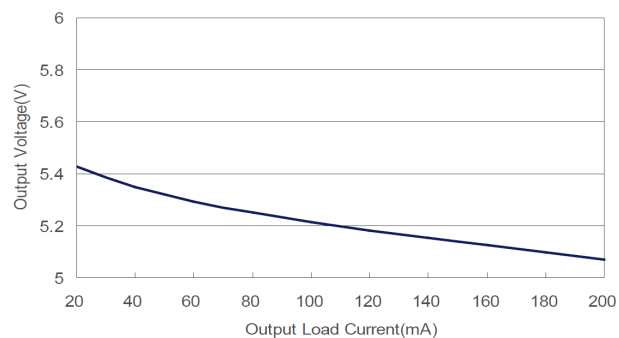
Efficiency versus Output Load



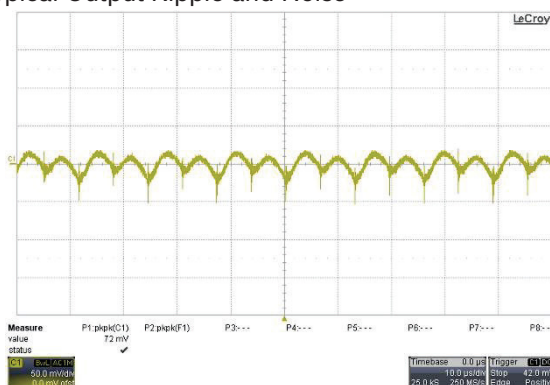
Efficiency versus Input Voltage



Output Voltage versus Output Current



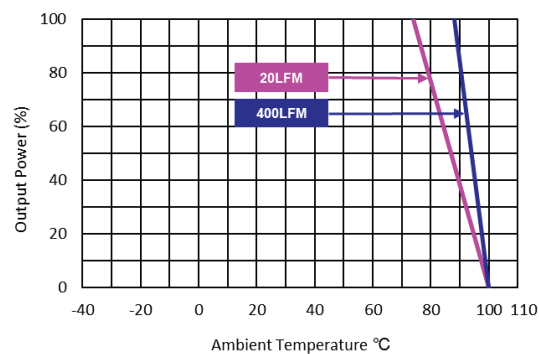
Typical Output Ripple and Noise



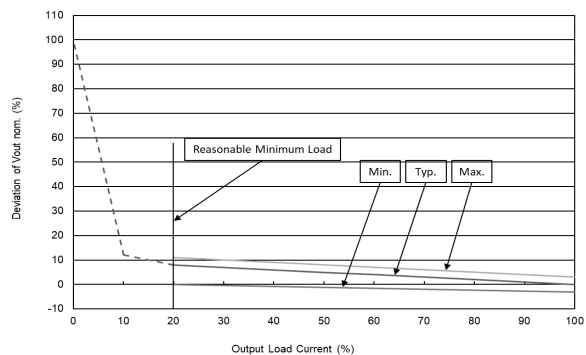
Typical Start-Up and Output Rise Characteristic



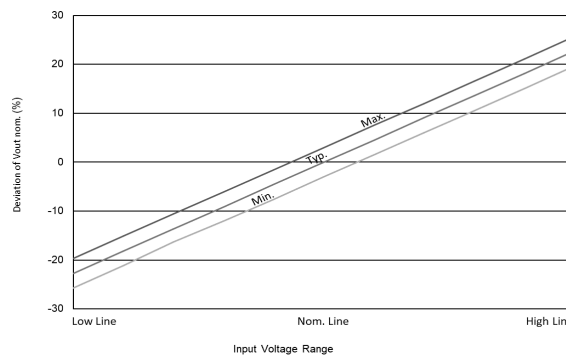
Derating Output Load versus Ambient Temperature



Load Variation versus Output Voltage

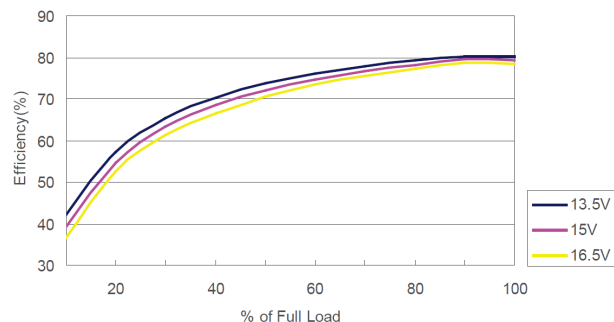


Input Variation versus Output Voltage

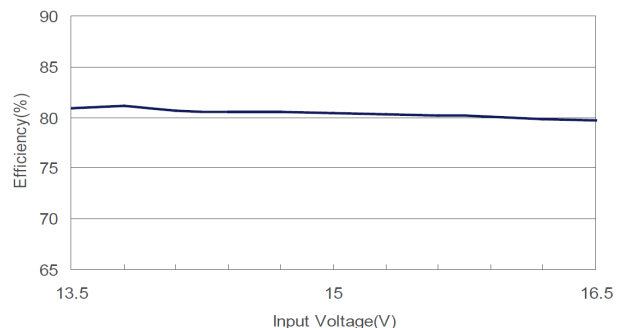


TMA 1512S

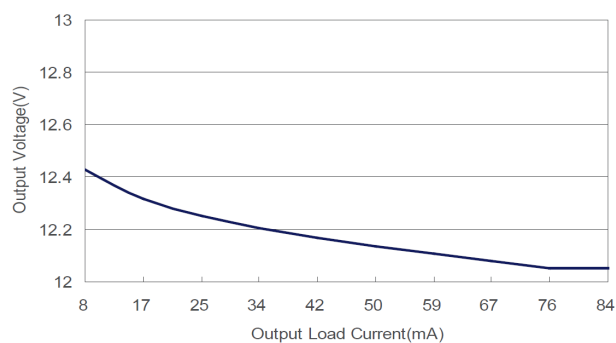
Efficiency versus Output Load



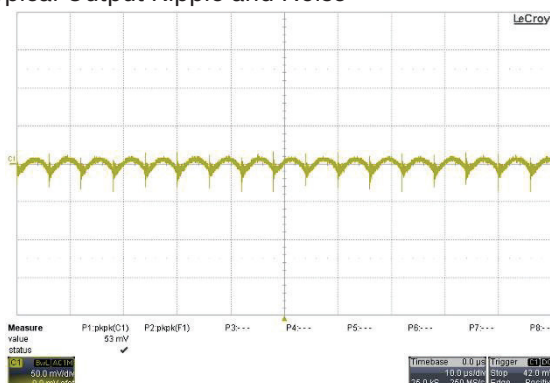
Efficiency versus Input Voltage



Output Voltage versus Output Current



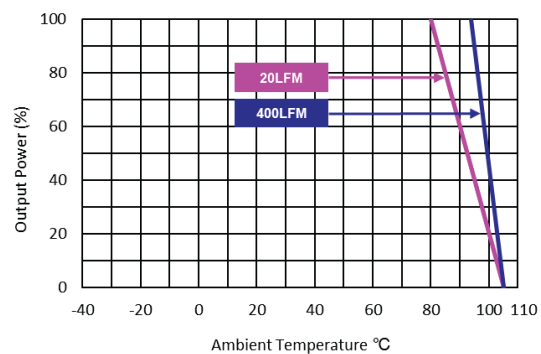
Typical Output Ripple and Noise



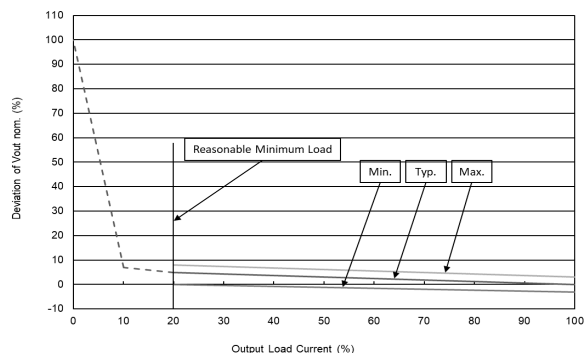
Typical Start-Up and Output Rise Characteristic



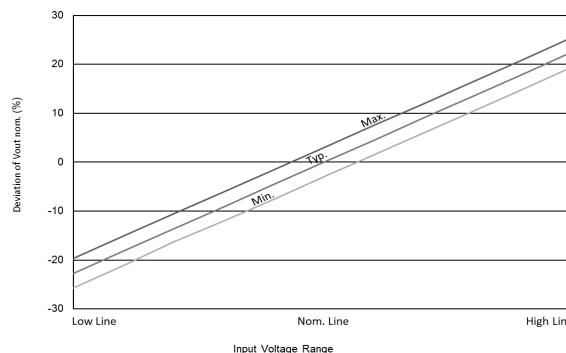
Derating Output Load versus Ambient Temperature



Load Variation versus Output Voltage

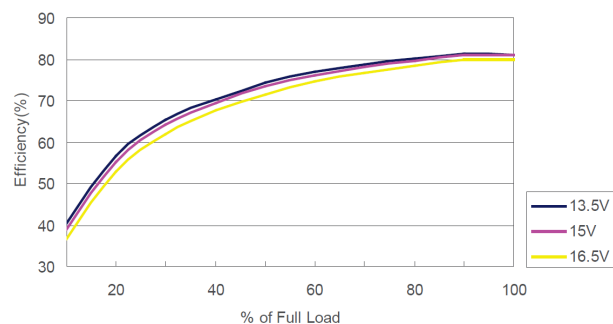


Input Variation versus Output Voltage

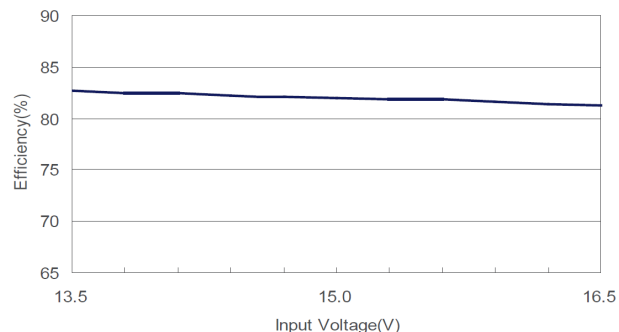


TMA 1515S

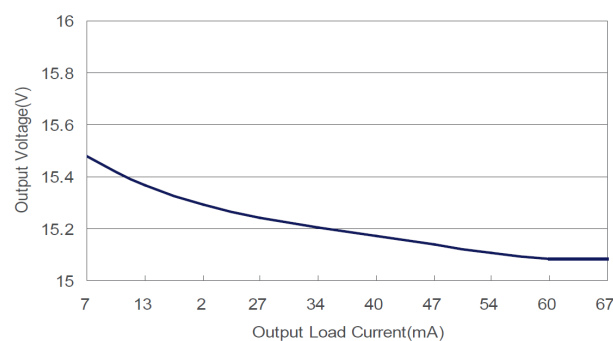
Efficiency versus Output Load



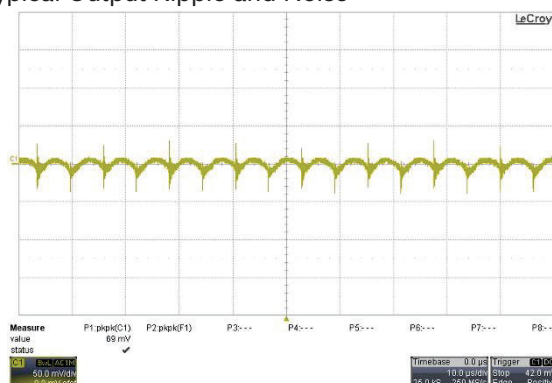
Efficiency versus Input Voltage



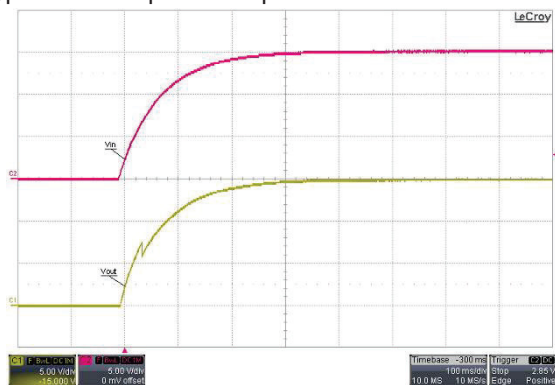
Output Voltage versus Output Current



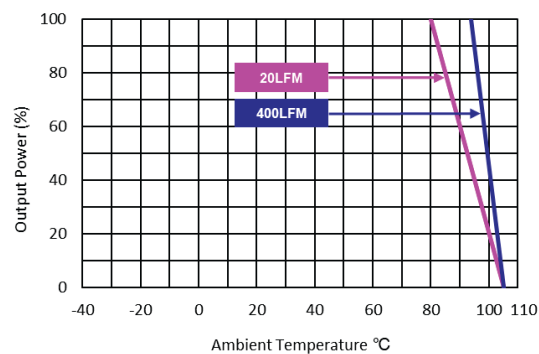
Typical Output Ripple and Noise



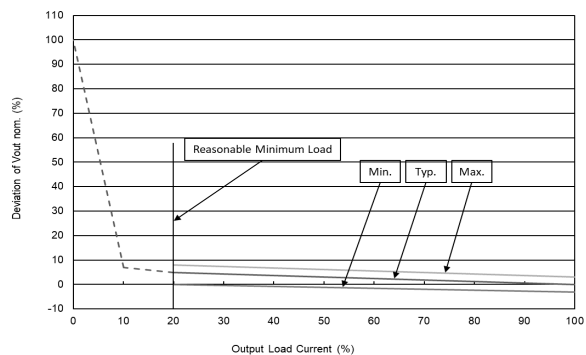
Typical Start-Up and Output Rise Characteristic



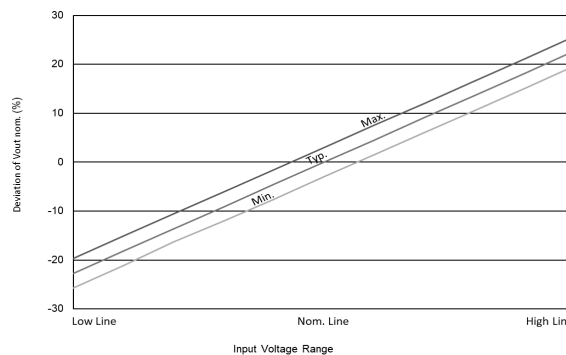
Derating Output Load versus Ambient Temperature



Load Variation versus Output Voltage

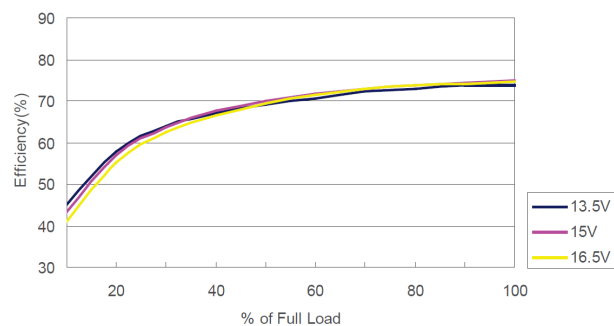


Input Variation versus Output Voltage

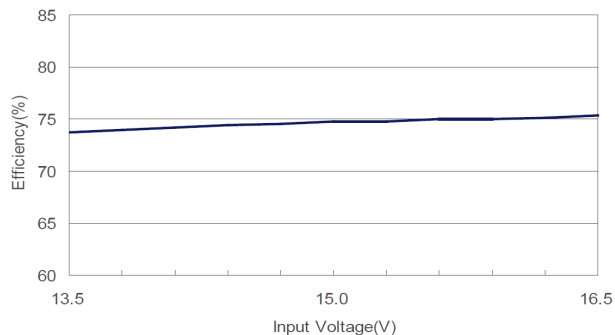


TMA 1505D

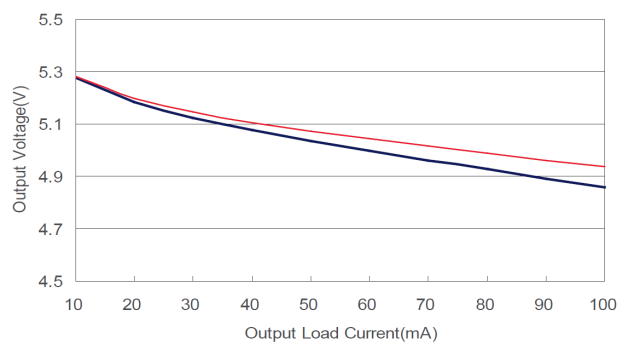
Efficiency versus Output Load



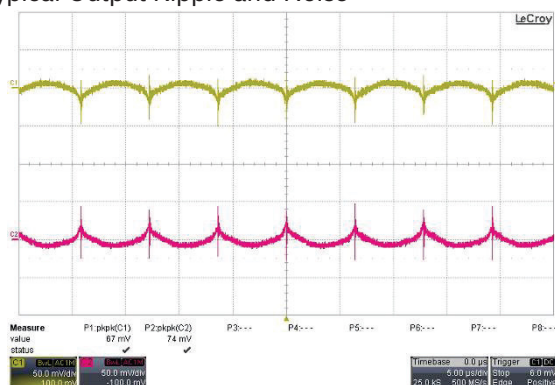
Efficiency versus Input Voltage



Output Voltage versus Output Current



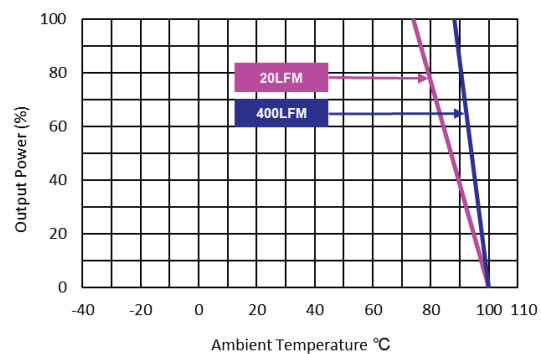
Typical Output Ripple and Noise



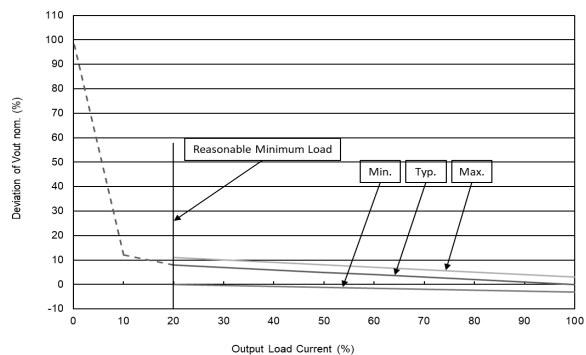
Typical Start-Up and Output Rise Characteristic



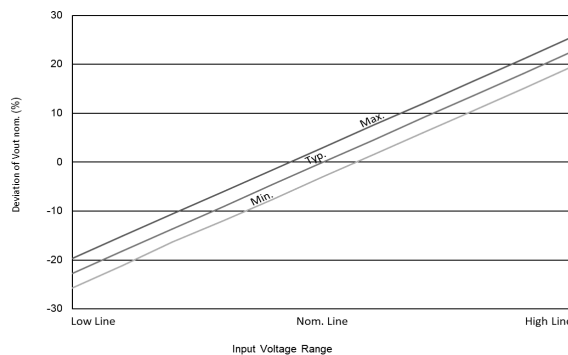
Derating Output Load versus Ambient Temperature



Load Variation versus Output Voltage

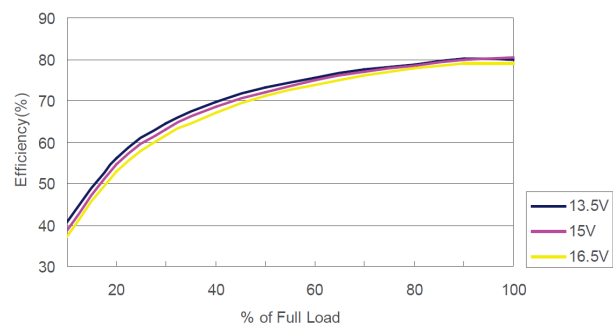


Input Variation versus Output Voltage

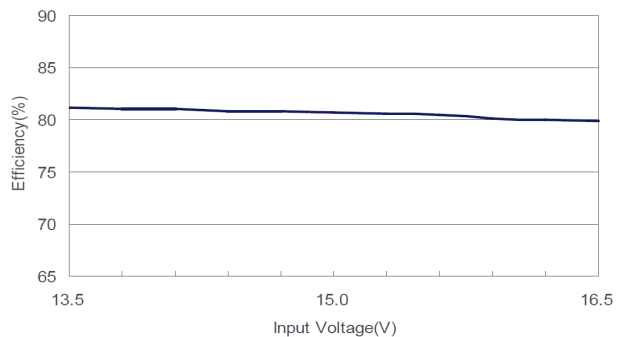


TMA 1512D

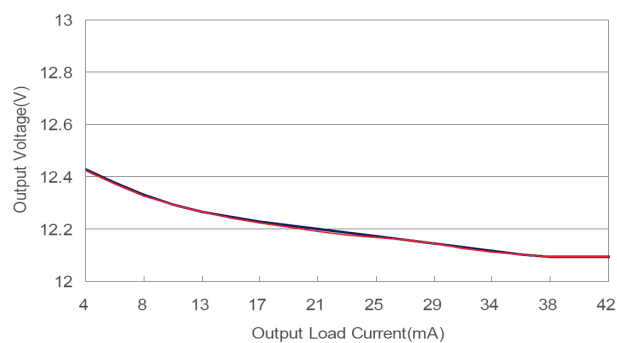
Efficiency versus Output Load



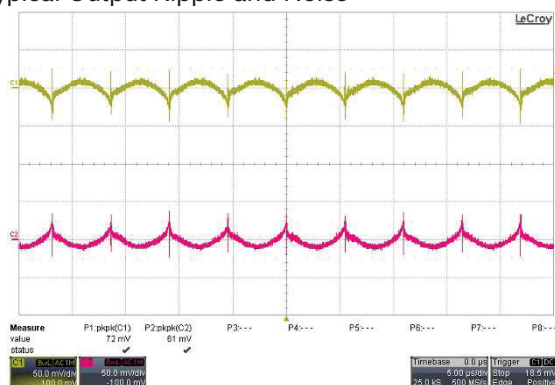
Efficiency versus Input Voltage



Output Voltage versus Output Current



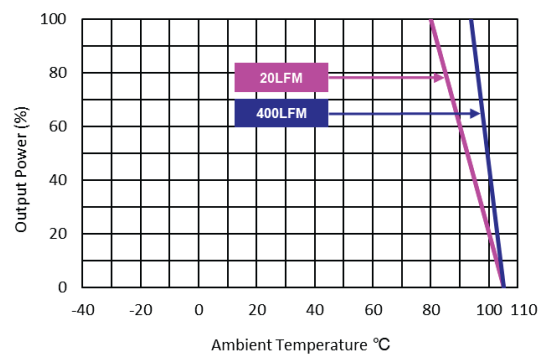
Typical Output Ripple and Noise



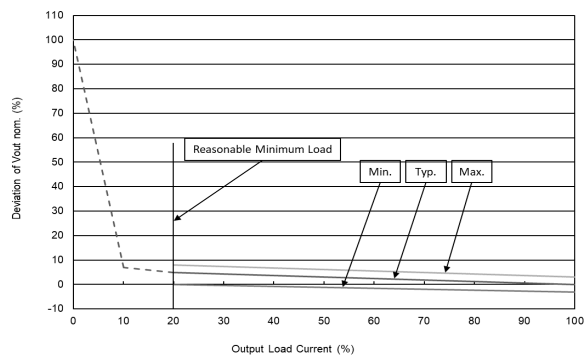
Typical Start-Up and Output Rise Characteristic



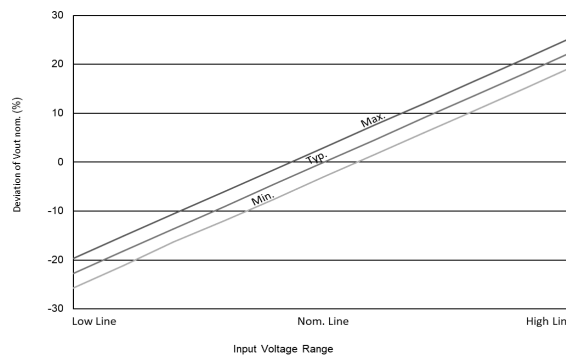
Derating Output Load versus Ambient Temperature



Load Variation versus Output Voltage

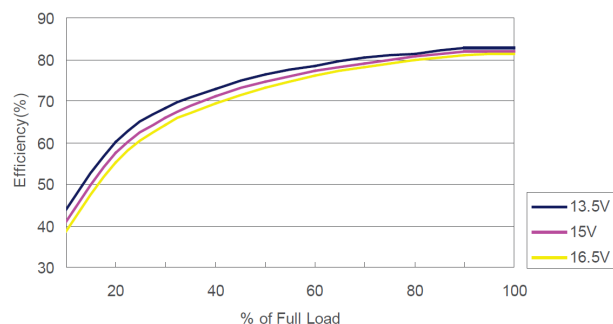


Input Variation versus Output Voltage

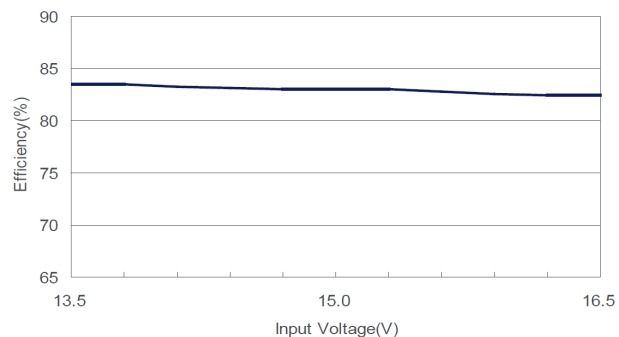


TMA 1515D

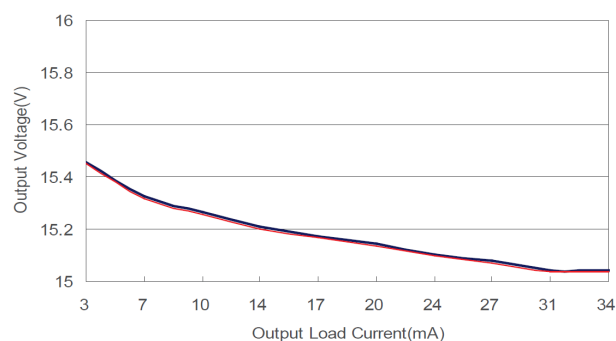
Efficiency versus Output Load



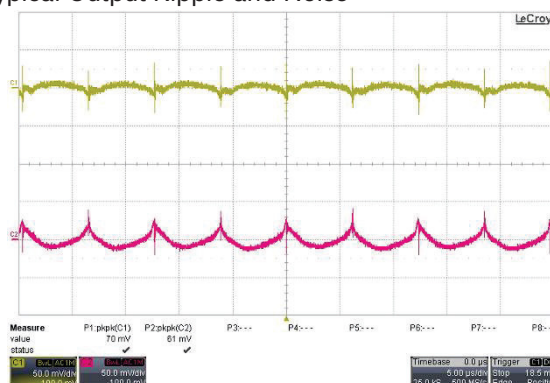
Efficiency versus Input Voltage



Output Voltage versus Output Current



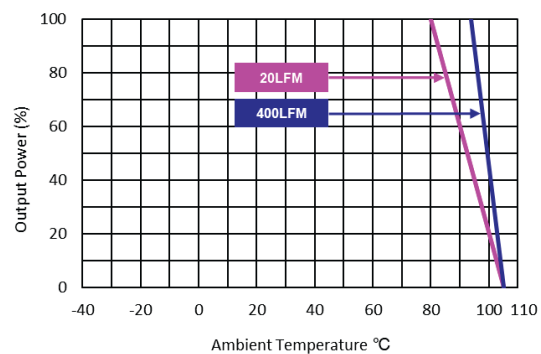
Typical Output Ripple and Noise



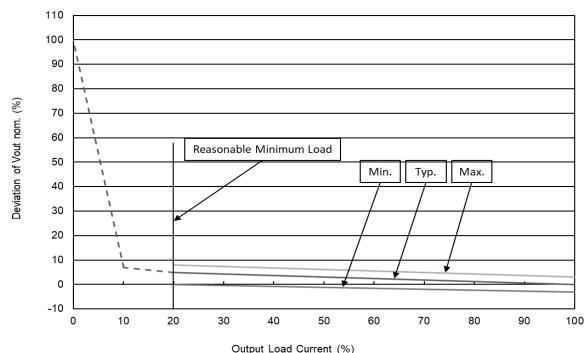
Typical Start-Up and Output Rise Characteristic



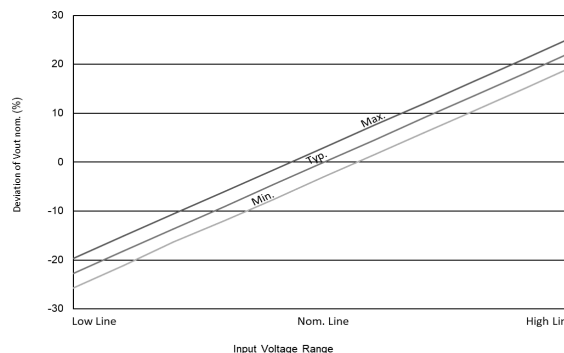
Derating Output Load versus Ambient Temperature



Load Variation versus Output Voltage

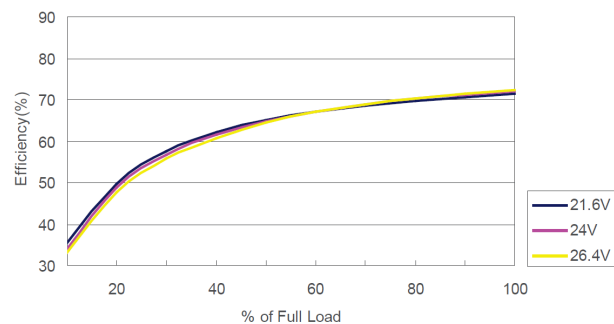


Input Variation versus Output Voltage

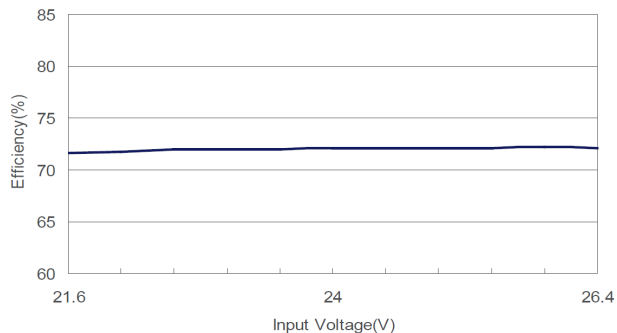


TMA 2405S

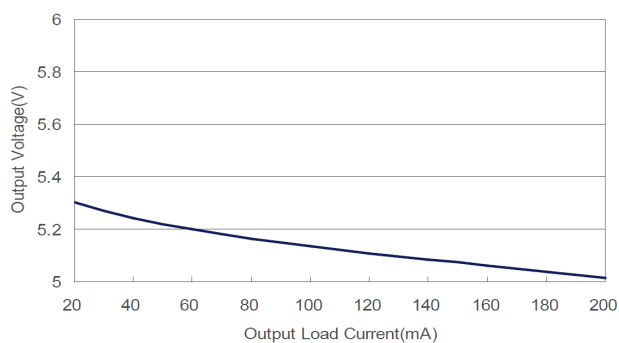
Efficiency versus Output Load



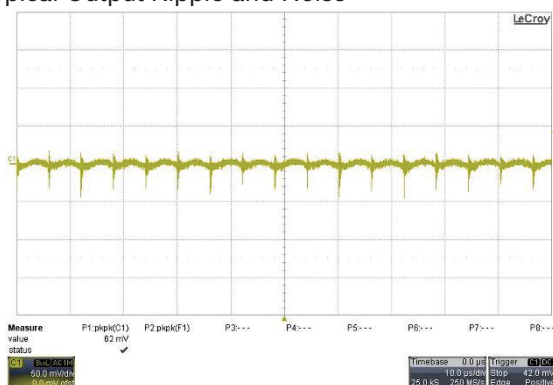
Efficiency versus Input Voltage



Output Voltage versus Output Current



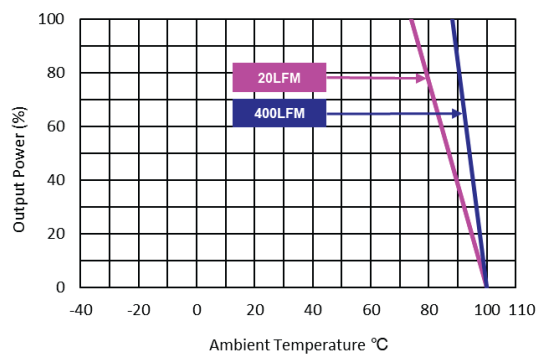
Typical Output Ripple and Noise



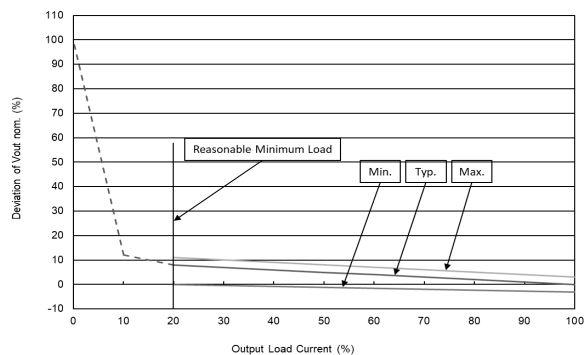
Typical Start-Up and Output Rise Characteristic



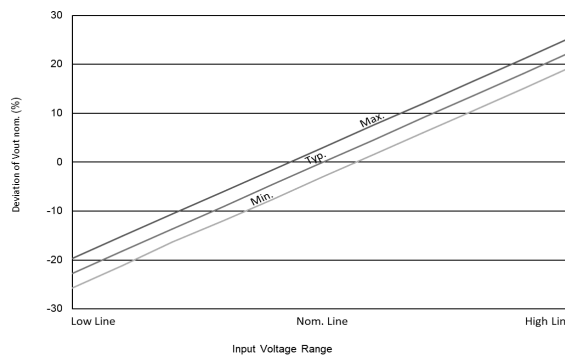
Derating Output Load versus Ambient Temperature



Load Variation versus Output Voltage

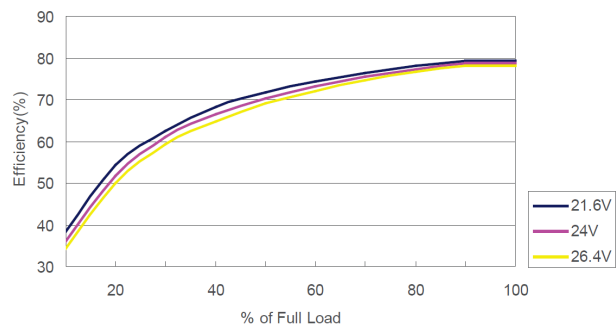


Input Variation versus Output Voltage

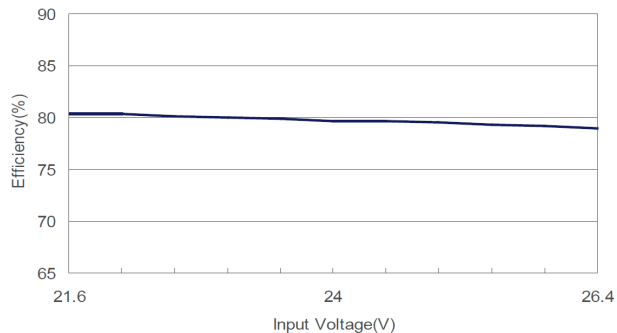


TMA 2412S

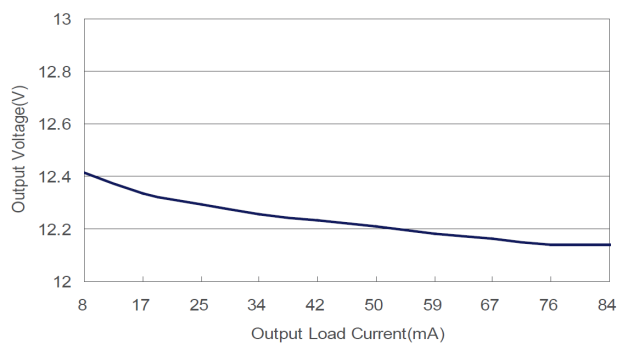
Efficiency versus Output Load



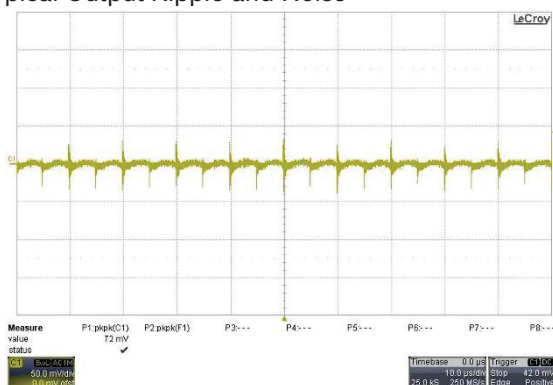
Efficiency versus Input Voltage



Output Voltage versus Output Current



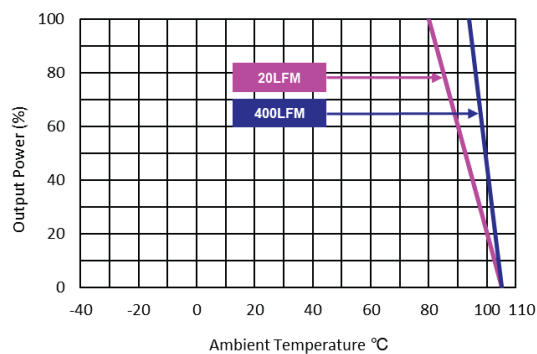
Typical Output Ripple and Noise



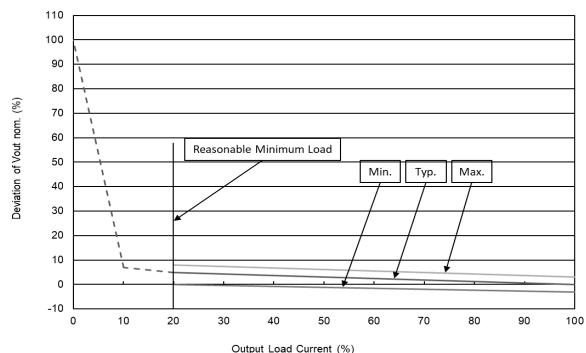
Typical Start-Up and Output Rise Characteristic



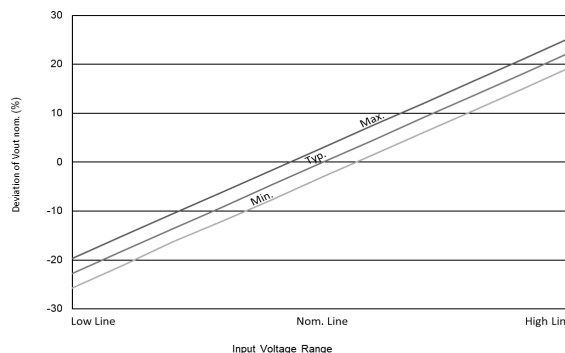
Derating Output Load versus Ambient Temperature



Load Variation versus Output Voltage

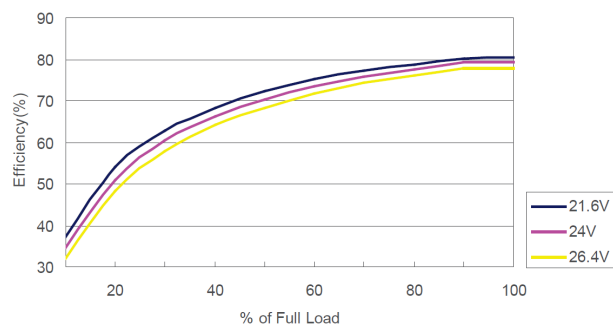


Input Variation versus Output Voltage

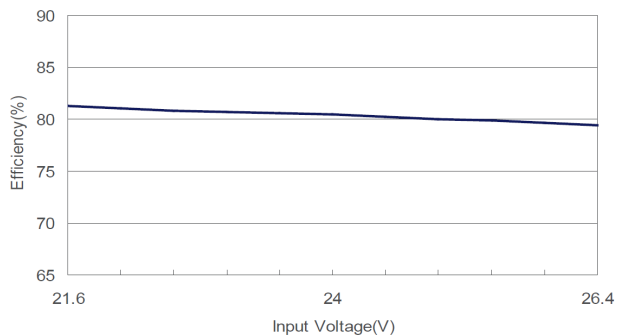


TMA 2415S

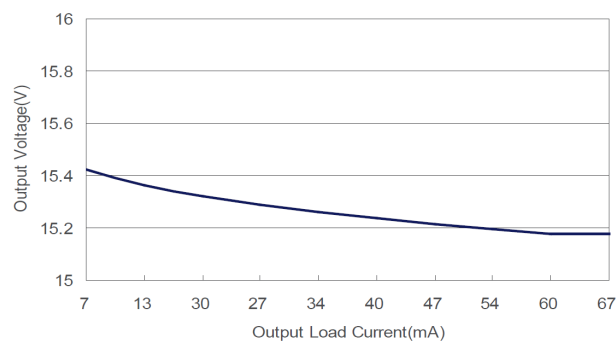
Efficiency versus Output Load



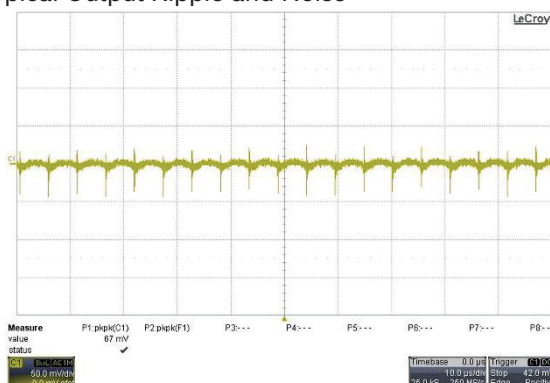
Efficiency versus Input Voltage



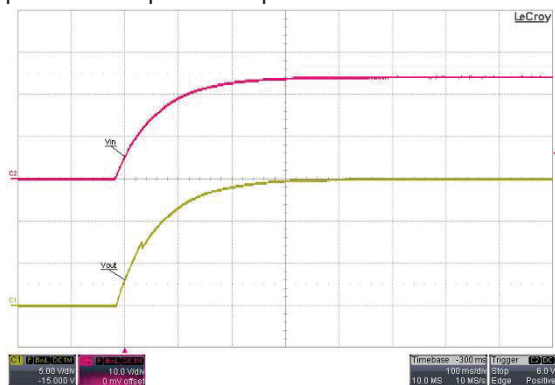
Output Voltage versus Output Current



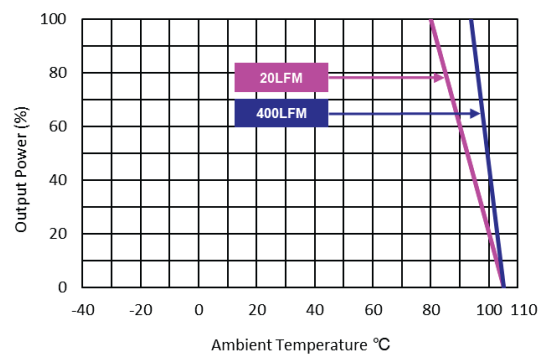
Typical Output Ripple and Noise



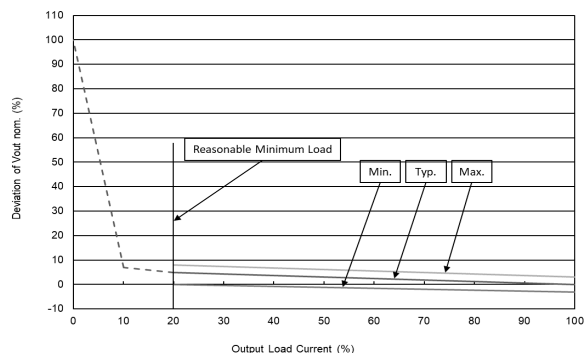
Typical Start-Up and Output Rise Characteristic



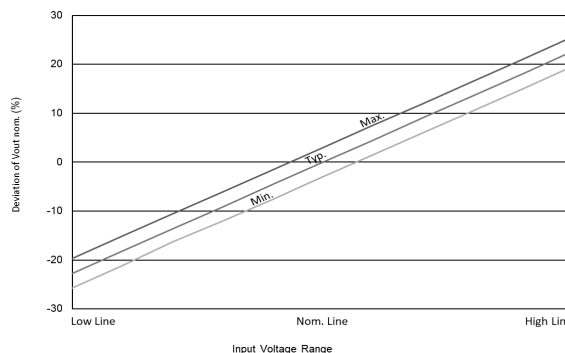
Derating Output Load versus Ambient Temperature



Load Variation versus Output Voltage

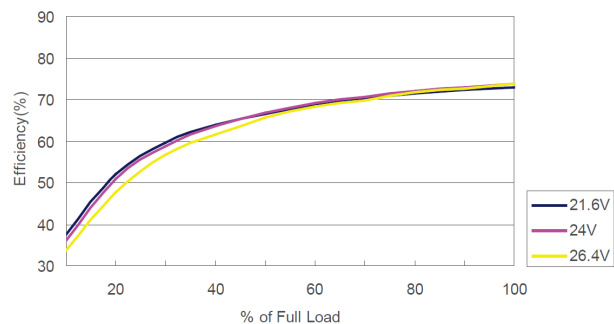


Input Variation versus Output Voltage

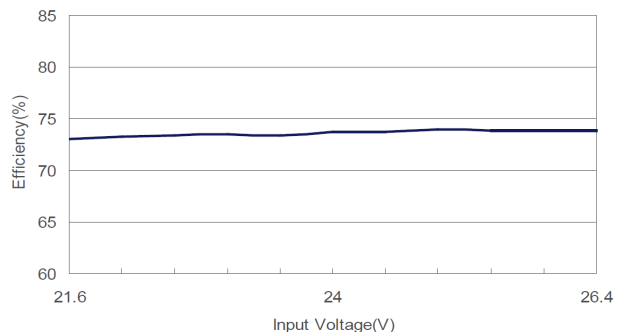


TMA 2405D

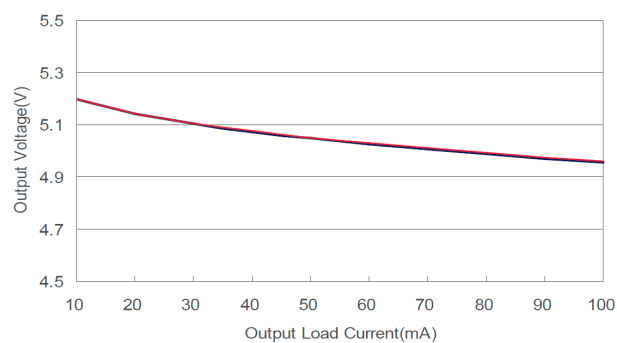
Efficiency versus Output Load



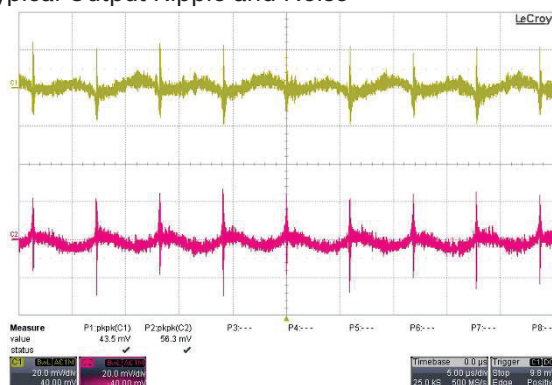
Efficiency versus Input Voltage



Output Voltage versus Output Current



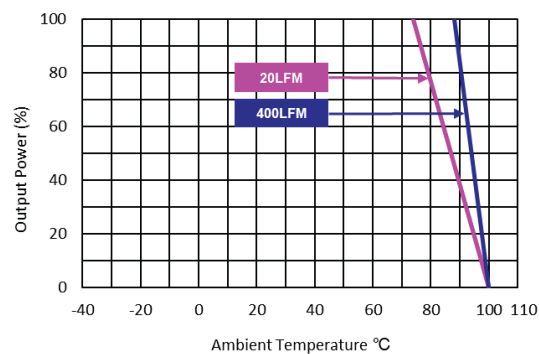
Typical Output Ripple and Noise



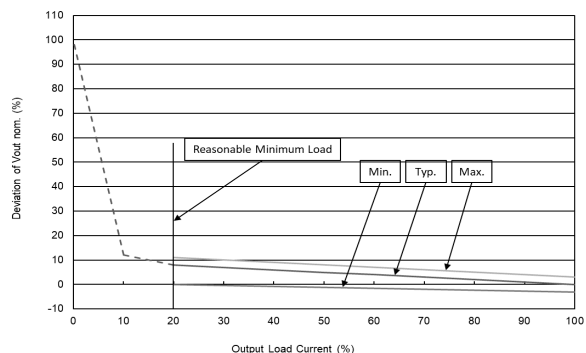
Typical Start-Up and Output Rise Characteristic



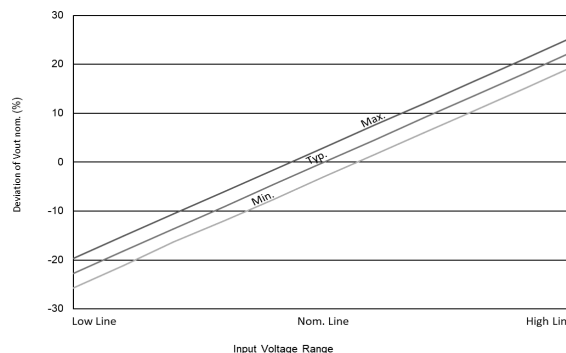
Derating Output Load versus Ambient Temperature



Load Variation versus Output Voltage

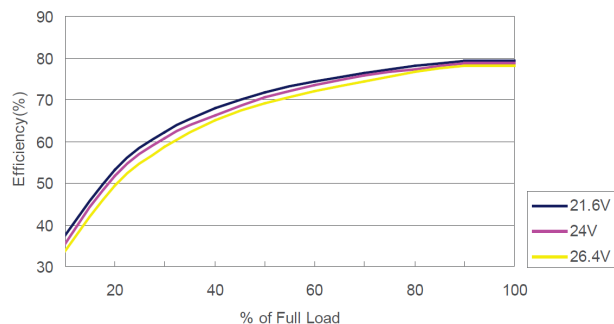


Input Variation versus Output Voltage

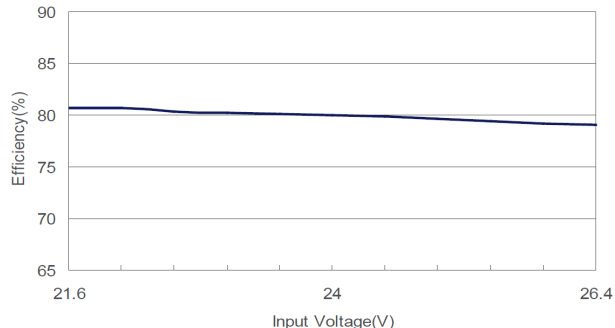


TMA 2412D

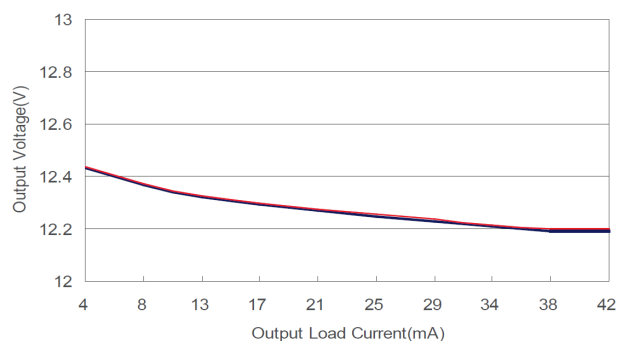
Efficiency versus Output Load



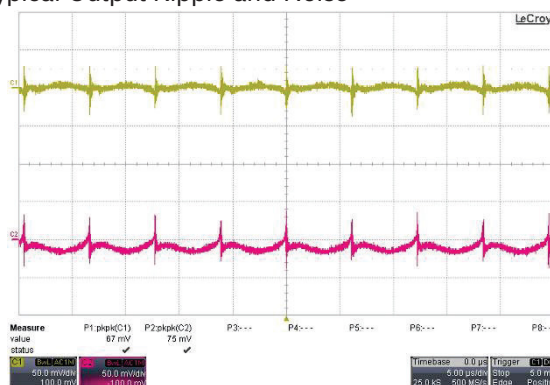
Efficiency versus Input Voltage



Output Voltage versus Output Current



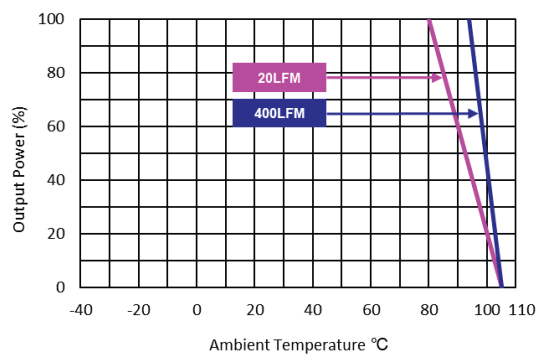
Typical Output Ripple and Noise



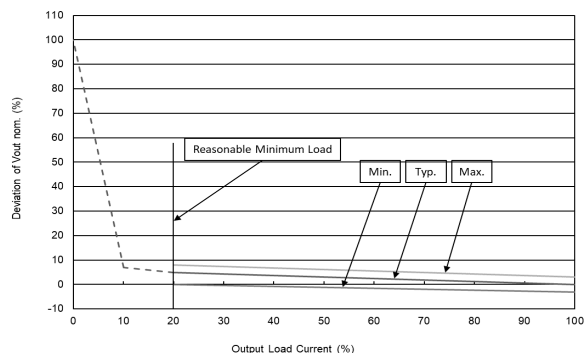
Typical Start-Up and Output Rise Characteristic



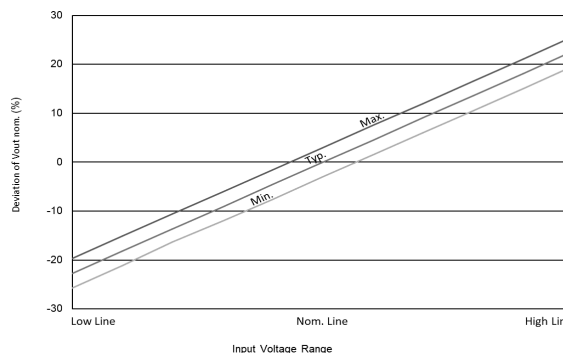
Derating Output Load versus Ambient Temperature



Load Variation versus Output Voltage

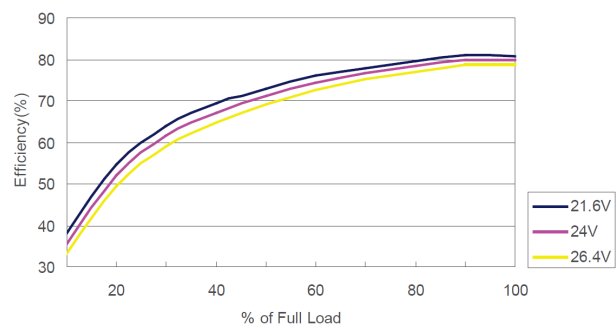


Input Variation versus Output Voltage

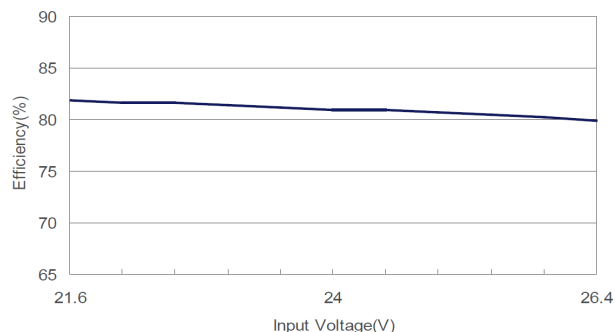


TMA 2415D

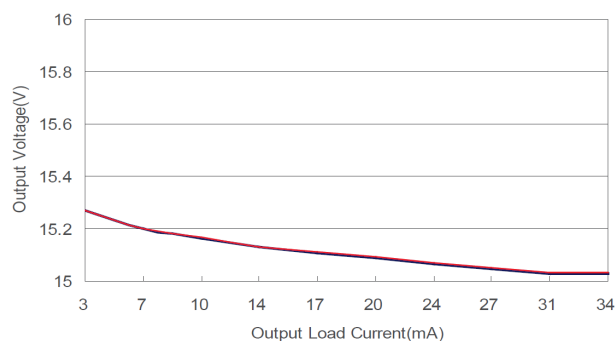
Efficiency versus Output Load



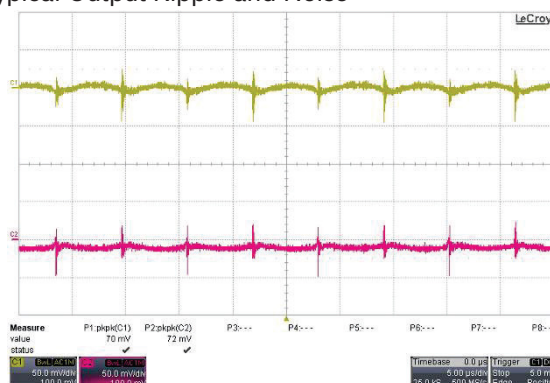
Efficiency versus Input Voltage



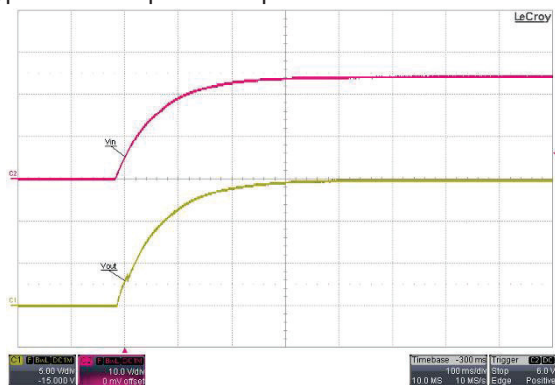
Output Voltage versus Output Current



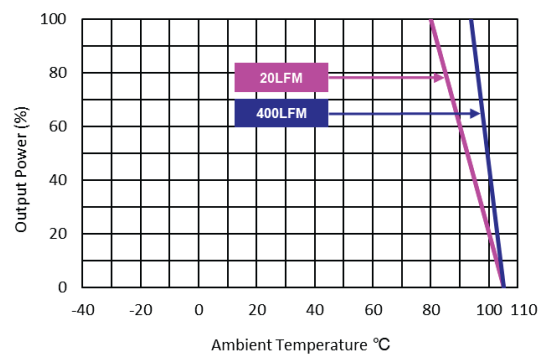
Typical Output Ripple and Noise



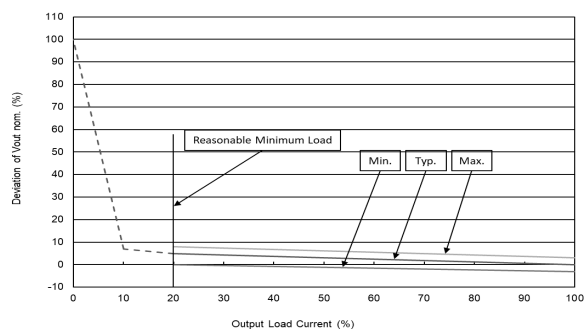
Typical Start-Up and Output Rise Characteristic



Derating Output Load versus Ambient Temperature



Load Variation versus Output Voltage



Input Variation versus Output Voltage

