

# Summary of ENERGY STAR® Imaging Equipment Specification



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Within the imaging equipment product category, there are a variety of products with various imaging technologies. The ENERGY STAR specification utilizes two different methods for assessing energy consumption: Typical Electricity Consumption (TEC) or Operational Mode (OM). Depending on the ENERGY STAR qualified product you choose, it will be qualified under either the TEC requirements or the OM requirements.

	TYPICAL ELECTRICITY CONSUMPTION	OPERATIONAL MODE
<b>What is it?</b>	Evaluates typical weekly energy consumption of a product across all power modes while in normal operation.	Evaluates consumption in low power modes, such as sleep and standby.
<b>Which products are included?</b>	<p>Primarily, standard-sized products that use heat-intensive technology.</p> <ul style="list-style-type: none"> <li>Includes: copiers, printers, fax machines, digital duplicators, and multifunction devices.</li> </ul>	<p>Primarily, products with low ready and active mode energy consumption.</p> <ul style="list-style-type: none"> <li>Includes: standard format inkjet products; small and large format multi-function devices, printers, and copiers; scanners; and mailing machines.</li> </ul>
<b>Why is it efficient?</b>	By measuring energy consumption across all power modes, the specification encourages manufacturers to make efficiency improvements in active and ready modes, in addition to low power modes.	More stringent power consumption levels for sleep modes.
	Recognizes that many products have high energy consumption in active and ready modes and that users may disable the power management settings when in heavy use, such as in office settings.	Introduces a requirement for standby/off mode.
	Standard-sized copiers, printers, and multi-function devices include automatic duplexing, based on product speed.	Enabled with default delay times for product to enter low-power mode.
<b>Additional ENERGY STAR requirements</b>	If sold with the imaging equipment, the external power adapter, external digital front end, and/or cordless handset must meet ENERGY STAR criteria.	