



ENERGY STAR CERTIFIED Televisions

Samsung - QN77S85FAE : QN77S85FAE

Specifications

ENERGY STAR Unique ID:	3994365
Brand Name:	Samsung
Model Number:	QN77S85FAE
Model Name:	QN77S85FAE
Application:	Consumer
Display Type:	OLED
Backlight Technology Type:	OLED
Resolution Format:	4K (UHD)
Native Vertical Resolution (pixels):	2160
Native Horizontal Resolution (pixels):	3840
High Contrast Ratio (HCR) Display:	Yes
Automatic Brightness Control:	Yes
Is Automatic Brightness Control Enabled by Default in the Default SDR Preset Picture Setting When Television is Shipped?:	No
Low Power Wireless Technologies Supported:	Bluetooth
Features:	Quick Start,High Dynamic Range Upscaling,Wake-On-Cast Compatibility,Control Via Remote Control App,Control Via Smart Speaker,Upconversion,Motion-based Dynamic Dimming (MDD) (also known as Motion Eye Care),Voice Recognition,Automatic Brightness Control,User Adjustable Backlight
Reported Annual Energy Consumption (kWh):	272.0
Reported On Mode Power (per the Federal Test Procedure) (watts):	146.8
Measured Standby Mode Power (Watts):	0.6
Diagonal Viewable Screen Size (in.):	76.6
Date Certified:	2025-02-10
Markets:	United States
ENERGY STAR Certified:	Yes

Additional Model Information

QN77S84FAE,QN77S84FAE,Same as basic model except model designation; QN77S84FDE,QN77S84FDE,Same as basic model except model designation; QN77S85FBE,QN77S85FBE,Same as basic model except model designation; QN77S85FDE,QN77S85FDE,Same as basic model except model designation

Captured On:
06/17/2025