



# ENERGY STAR CERTIFIED Televisions

## Samsung - QN65S90DAF : QN65S90DAF

Specifications	
ENERGY STAR Unique ID:	3354311
Brand Name:	Samsung
Model Number:	QN65S90DAF
Model Name:	QN65S90DAF
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:	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),Automatic Brightness Control,User Adjustable Backlight
Reported Annual Energy Consumption (kWh):	251.1
Power Consumption in Standby Mode when Not Connected to a Network (watts):	0.4
Power Consumption in Standby Mode when Connected to a Network (watts):	0.8
Average On Mode Power Consumption for Certification (watts):	134.53
Reported On Mode Power (per the Federal Test Procedure) (watts):	134.53
Diagonal Viewable Screen Size (in.):	64.5
Date Certified:	2023-12-17
Markets:	United States
ENERGY STAR Certified:	Yes

## Additional Model Information

QN65S90DDF,QN65S90DDF,Same as basic model except model designation; QN65S92DAF,QN65S92DAF,Same as basic model except model designation

**Captured On:**  
05/22/2025