

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2013

No.	Parameter	Parameter value and precision			Unit
1.	Supplier's name or trade mark	Samsung			
	Supplier's address	(EU) PO Box 12987, Dublin, IE / (UK) Saxony Way, Yateley, GU46 6GG, UK			
2.	Model identifier	QE50QN90FAT			
3.	Energy efficiency class for standard Dynamic Range (SDR)	F			
4.	On mode power demand in Standard Dynamic Range (SDR)	60.0			W
5.	Energy efficiency class (HDR)	G			
6.	On mode power demand in High Dynamic Range (HDR), if implemented	124.0			W
7.	Off mode, power demand, if applicable	N/A			W
8.	Standby mode power demand, if applicable	0.5			W
9.	Networked standby mode power demand, if applicable	2.0			W
10.	Electronic display category	TELEVISION			
11.	Size ratio	16	:	9	integer
12.	Screen resolution	3840	x	2160	pixels
13.	Screen diagonal	125.0			cm
14.	Screen diagonal	50			inches
15.	Visible screen area	67.5			dm ²
16.	Panel technology used	QLED LCD			
17.	Automatic Brightness Control (ABC) available	Yes			
18.	Voice recognition sensor available	No			
19.	Room presence sensor available	No			
20.	Image refresh frequency rate (default)	165			Hz
21.	Minimum guaranteed availability of software and firmware updates (from the date of end of the placement on the market)	8			Years
22.	Minimum guaranteed availability of spare parts (from the date of end of the placement on the market)	7			Years
23.	Minimum guaranteed product support	7			Years
	Minimum duration of the general guarantee offered by the supplier	2 (Or 1)			Years
24.	Power supply type	Internal			
25.	External power supply (non-standardised and included in the product box)				
	i			N/A	Description
	ii	Input voltage	N/A		V
	iii	Output voltage	N/A		V
26.	External standardised power supply (or suitable one if not included in the product box)				
	i	Supported standard name or list		N/A	
	ii	Required output voltage	N/A		V
	iii	Required delivered current (minimum)	N/A		A
	iv	Required current frequency	N/A		Hz