

Model Number	LC-60LE820UN	LC-52LE820UN	LC-46LE820UN	LC-40LE820UN	LC-60LE810UN	LC-52LE810UN	LC-46LE810UN	LC-40LE810UN
Quattron quad pixel Technology	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
X-Gen Panel	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vyper Drive Game Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AQUOS Net™	Yes (with Netflix)	Yes (with Netflix)	Yes (with Netflix)	Yes (with Netflix)	Yes (with Netflix)	Yes (with Netflix)	Yes (with Netflix)	Yes (with Netflix)
Refresh Rate	120Hz	120Hz	120Hz	120Hz	120Hz	120Hz	120Hz	120Hz
Dynamic Contrast Ratio	5,000,000:1	5,000,000:1	5,000,000:1	5,000,000:1	4,000,000:1	4,000,000:1	4,000,000:1	4,000,000:1
Backlight	Edge-lit LED	Edge-lit LED	Edge-lit LED	Edge-lit LED	Edge-lit LED	Edge-lit LED	Edge-lit LED	Edge-lit LED
Tuner Type	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC
Response Time	4ms	4ms	4ms	4ms	4ms	4ms	4ms	4ms
Audio Output	10W +10W + 15W (Subwoofer)	10W +10W + 15W (Subwoofer)	10W +10W + 15W (Subwoofer)	10W +10W + 15W (Subwoofer)	10W +10W + 15W (Subwoofer)	10W +10W + 15W (Subwoofer)	10W +10W + 15W (Subwoofer)	10W +10W + 15W (Subwoofer)
OPC (Optical Picture Control)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ENERGY STAR® Qualified**	Yes*2	Yes*2	Yes*2	Yes*2	Yes*2	Yes*2	Yes*2	Yes*2
HDMI® Input	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)
Ethernet	1	1	1	1	1	1	1	1
USB Music and Photo Playback	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PC Input	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1
HD Component In	1	1	1	1	1	1	1	1
Composite Video Input (A/V)	1	1	1	1	1	1	1	1
Audio Inputs (L/R) / RF Input	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1
RS-232C	9-pin x 1	9-pin x 1	9-pin x 1	9-pin x 1	9-pin x 1	9-pin x 1	9-pin x 1	9-pin x 1
Digital Audio Output	1	1	1	1	1	1	1	1
Power Source	120V, 60V Hz	120V, 60V Hz	120V, 60V Hz	120V, 60V Hz	120V, 60V Hz	120V, 60V Hz	120V, 60V Hz	120V, 60V Hz
Power Consumption	230W	170W	160W	140W	230W	170W	160W	140W
Dimensions TV and Stand	56-21/32 x 38-25/64 x 14-1/2	49-5/8 x 33-29/32 x 13-25/64	44-3/8 x 30-59/64 x 13-25/64	39-3/32 x 27-27/32 x 10-27/32	56-5/8 x 38-23/64 x 14-1/2	49-37/64 x 33-29/32 x 13-25/64	44-19/64 x 30-7/8 x 13-25/64	39-1/16 x 27-3/16 x 10-54/64
(WxHxD) TV Only	56-21/32 x 35-61/64 x 1-37/64	49-5/8 x 31-15/16 x 1-35/64	44-3/8 x 28-29/32 x 1-35/64	39-3/32 x 25-61/64 x 1-35/64	56-5/8 x 35-59/64 x 1-37/64	49-37/64 x 31-57/64 x 1-37/64	44-19/64 x 28-7/8 x 1-37/64	39-1/16 x 25-59/64 x 1-37/64
Weight (lbs.) TV and Stand / TV Only	112.4 / 89.3	77.2 / 66.1	66.1 / 54.0	51.8 / 43.0	94.8 / 70.6	66.1 / 52.9	56.2 / 44.1	43.0 / 34.2

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SHARP

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*1 As an ENERGY STAR® partner, Sharp has determined that this product meets the ENERGY STAR guidelines for energy efficiency. ENERGY STAR is a U.S. registered mark. *2 Criteria under ENERGY STAR program requirements for TVs: version 5.0.

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AQ-06-138A

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LE820 SERIES

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LE810 SERIES



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Quattron LED LCD TVs employ a four color filter for the first time in the industry, adding the color Y (yellow) to the three colors of R (Red), G (Green) and B (Blue). This RGBY color combination introduces never-before-seen colors to the TV industry.



Sharp's X-Gen panel provides wider aperture, allowing more light to pass through which creates an extremely bright image. The redesigned LCD panel features vertically and horizontally aligned circuitry which allows the pixels to seal more completely, blocking more light and resulting in deeper blacks.



UltraBrilliant LEDs provide pure bright light source, optimized for AQUOS LED TVs to minimize power consumption.



Sharp AQUOS Quattron LED LCD TVs minimize environmental impact and are ENERGY STAR qualified.



This technology produces fast motion picture quality with fine motion detail.



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Only Sharp's new 3DTVs will utilize Quattron quad pixel technology!

