

AQUOS
LEDFine Motion Enhanced
120Hz
Frame Rate ConversionFULL
HD **1080P**

The AQUOS LE650 Series, in 60" Class (60 1/64" Diagonal) and 70" Class (69 1/2" Diagonal) is a part of our AQUOS LED TV line. This LE650 Series line-up provides customers with tremendous value when compared to other large-sized screen televisions. With Sharp's Full HD 1080p and LED edge lit technology delivers the most natural and vibrant picture quality available. The LE650 LED series comes fully equipped with built-in ATSC/QAM/NTSC tuners, 4 HDMI inputs, 2 USB inputs with video, audio and picture streaming capabilities, built-in Wi-Fi, DLNA and IP Control.

The proprietary AQUOS LED system comprised of UltraBrilliant LED enables an incredible dynamic contrast ratio of 4,000,000:1. In addition, the LE650 Series includes 120Hz Fine Motion Enhanced virtually eliminating blur and motion artifacts in fast-moving video. And with built-in Wi-Fi and our SmartCentral user interface, you'll have access to today's most popular applications, AQUOS Net and Sharp's exclusive customer service AQUOS Advantage Live.

Features

SmartCentral user interface - with access to Netflix and YouTube (Netflix membership required for Netflix instant streaming. Membership and/or additional fees may apply.)

Full HD 1080p X-Gen LCD Panel - is designed with advanced pixel control to minimize light leakage and a wider aperture to let more light through, providing the industry's highest contrast level.

UltraBrilliant LED system - includes a unique "double-dome" light amplifier lens and multi-fluorescents, enabling high brightness and color purity.

120Hz Fine Motion Enhanced - for improved fast-motion picture quality.

Built-in Wi-Fi - no additional hardware needed.

Specifications		
Models	LC-70LE650U	LC-60LE650U
Basic Specifications		
Screen Size Class	70" Class (69 1/2" Diagonal)	60" Class (60 1/64" Diagonal)
Panel Type	X-Gen LCD Panel	
Backlight System	Edge Lit	
Audio System	10W + 10W	
Features		
Smart TV	Yes	
Surround Sound	Yes	
Quattron™ quad pixel technology	No	
AQUOS Advantage™ Support	Yes	
Terminals : Inputs		
HDMI®	4 (Version 1.4 capable)	
HD Component	1	
Composite Video	1	
Audio Inputs (L/R)	RCA X 2	
RS-232C	1	
PC	1	
Ethernet Input	1	
MHL	1	
Power		
Power Consumption AC (watts)	228 W	188 W
Power Source	120 V, 60 Hz	
Weight & Dimensions : Dimensions		
Dimensions (wxhxd)(mm)	1590 mm x 948 mm x 83 mm 62-39/64" x 37-21/64" x 3-9/32"	1379 mm x 826 mm x 77 mm 54-19/64" x 32-17/32" x 3-1/32"
Dimensions with Stand (wxhxd)(mm)	1590 mm x 973 mm x 360 mm 62-39/64" x 38-19/64" x 14-11/64"	1379 mm x 851 mm x 360 mm 54-19/64" x 33-1/2 " x 14-11/64"
Weight & Dimensions : Weight		
Product Weight (kg)	34.5 kg / 76.1 lb	25 kg / 55.1 lb
Weight with Stand (kg)	37.5 kg / 82.7 lb	28 kg / 61.7 lb
Additional Specifications		
Cabinet Colour	Black	
Limited Warranty*3	1 year parts and labour from date of purchase	

*1 Contact your local cable or satellite service provider for available HDTV.

*2 As an ENERGY STAR® partner, Sharp has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

*3 See warranty statement included in the product operation manual or as a PDF download at www.sharpsusa.com.

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Product specifications and design are subject to change without notice.





70" LED SMART TV

- 70" Class (69 1/2" diagonal) (62% more screen area than a 55" Class)
- Full HD 1080p
- Edge lit LED
- Built-in Wi-Fi
- SmartCentral user interface with access to Netflix, Vudu, CinemaNow, YouTube, Facebook, and Twitter
- 120Hz refresh rate

MODEL OVERVIEW

The 70LE640 is part of our high-definition AQUOS® LED TV line. This 70" class (69 1/2" diagonal) model features our 1080p edge lit LED panel, delivering a natural, vibrant picture quality. And with built-in Wi-Fi and our SmartCentral user interface, you'll have access to today's most popular apps.



FEATURES



Picture perfection

Optimally designed AQUOS LED TVs enhance brightness and color vibrancy. Higher refresh rates deliver crisp picture detail with less blur.



Smart TVs ahead of the class

Built-in Wi-Fi gets you connected with the most popular apps, like Facebook and Twitter, and movies on demand from Netflix to CinemaNow.



We're here for you

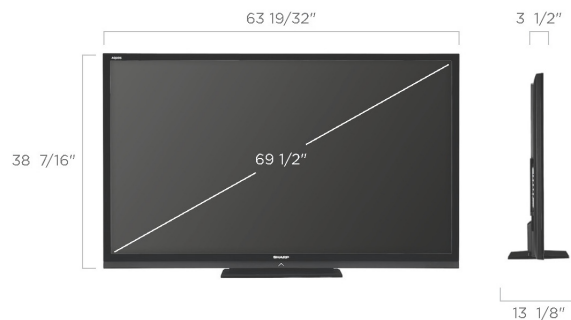
Dedicated support from AQUOS ADVANTAGE LIVE experts means priority service, from available remote TV setup to live technical support.



Big TV, smaller energy footprint

All AQUOS® LED TVs use 50% less energy than even our TVs from 2010.

Technical Specifications



Basic Specifications	Screen Size Class	70		
	Backlight Type	LED		
	LED Backlight System	Edge		
	IVC (Intelligent Variable Contrast)	N		
	3D	N		
	Pixel Resolution	1080p		
	Viewing Angles	176/176		
	Audio System	10W + 10W		
	Panel Native Refresh Rate	120		
	“AQUOMOTION (Backlight Scanning Refresh Rate)”	N/A		
	Tuning System	NTSC/ATSC/QAM		
	Dynamic Contrast Ratio	4M:1		
	Aspect Ratio	16x9		
Terminals (Inputs)	USB Input	2		
	HDMI®	4		
	HD Component	1		
	Composite Video	2		
	Digital Audio Output	Optical		
	Surround Sound	Y		
	Audio Inputs (L/R)	2		
	RS-232C	1		
	PC	1		
	Ethernet Input	1		
Power	Power Consumption AC (watts):	228		
	Power Source:	AC 120V		
Weight & Dimensions	Width with stand (inches)	63 19/32		
	Depth with stand (inches)	13 1/8		
	Height with stand (inches)	39 47/64		
	Width without stand (inches)	63 19/32		
	Depth without stand (inches)	3 1/2		
	Height without stand (inches)	38 7/16		
	Weight with stand (lbs)	86		
	Weight without stand (lbs)	79.4		
Additional Specifications	Cabinet Color:	Black		
	Limited Warranty:	1 year parts/labor		
Included Accessories	Remote Control	Table Stand		





80" LED SMART TV

- 80" Class (80" diagonal) - More than double the screen area of a 55" Class
- Smart TV with Netflix, Vudu™ & CinemaNow
- Built-in Wi-Fi
- UltraBrilliant LED System
- 120Hz Fine Motion Enhanced

MODEL OVERVIEW

The AQUOS® LC-80LE632U 80" (diagonal) is a high-performance LED TV providing more than double the screen area of a 55" Class TV. It features built in Wi-Fi and a full array LED back light.



FEATURES



Picture perfection

Optimally designed AQUOS LED TVs enhance brightness and color vibrancy. Higher refresh rates deliver crisp picture detail with less blur.



Smart TVs ahead of the class

Built-in Wi-Fi gets you connected with the most popular apps, like Facebook and Twitter, and online content from Netflix to CinemaNow.



We're here for you

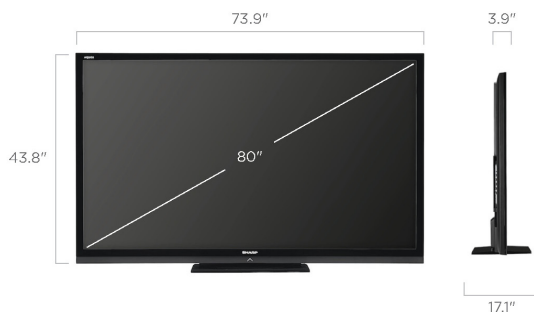
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Technical Specifications



Basic Specifications	Screen Size Class	80" (80" Diagonal)		
	Panel Type	X-Gen LCD Panel		
	3D	No		
	10 bit LCD Panel			
	Pixel Resolution	1920 x 1080 (x4 sub-pixels) = 8 million dots		
	Backlight System	Full Array LED		
	Viewing Angles	176° H / 176° V		
	AudiSystem	10W + 10W		
	120Hz Frame Rate	Yes		
	Tuning System	ATSC / QAM / NTSC		
	Dynamic Contrast Ratio	6,000,000:1		
	Aspect Ratio	16:09		
	S-Video			
Terminals (Inputs)	Response Time	4ms		
	USB Input	2		
	HDMI®	4		
	HD Component	1		
	Composite Video	2		
	Digital AudiCoaxial			
	Surround Sound			
	AudiInputs (L/R)	RCA X 2		
	RS-232C	1		
	PC	1 (15-pin D-sub)		
Power	Ethernet Input	1		
	Power Consumption AC (watts)	307W (0.1 W Standby with AC 120V)		
	Power Source	120 V, 60 Hz		
Weight & Dimensions	Dimensions (wxhxd) (inches)	73-5/16" x 43-25/32" x 3-29/32"		
	Dimensions with Stand (wxhxd) (inches)	73-5/16" x 45-3/32" x 17-3/32"		
	Product Weight (lbs.)	122.4		
	Weight with Stand (lbs.)	131.2		
Additional Specifications	Cabinet Color	Black		
	Limited Warranty	1 year parts and labor from date of purchase		
Included Accessories	Remote Control	Table Stand		



SHARP®

LC-90LE745U

90" CLASS (DIAGONAL) LED TV



7 SERIES LED SMART TV

AQUOS 1080p LED DISPLAY

Breathtaking HD images,
greater brightness and contrast

SMART TV

With Dual-Core Processor
and built-in Wi-Fi

240Hz REFRESH RATE

AquaMotion 480

ACTIVE 3D

Two 3D glasses included in box

SLIM DESIGN

Ultra Slim Aluminum Frame

POWERFUL 35W AUDIO

High fidelity with clear voice

AQUOS

At 90 inches, it's the largest LED TV on the planet. Big, bold and brainy - the LC-90LE745U is an LED Smart available TV that delivers legendary AQUOS picture quality and unlimited content choices, seamless control, and instant connectivity through SmartCentral™. The AQUOS 1080p LED Display dazzles with advanced pixel structure for the most breathtaking HD images, an 8 million: 1 dynamic contrast ratio, and a 120Hz refresh rate with AquaMotion 240 for stunning picture clarity, even during fast-motion scenes. A Smart TV with Dual-Core processor and built-in Wi-Fi, the LC-90LE745U lets you quickly access apps, streaming movies, music, games, and websites you love.

AQUOS®
1080p
LED DISPLAY

AQUOS® 1080p LED Display with an advanced pixel structure for the most breathtaking HD images and 4 million: 1 contrast ratio


SmartCentral™
SMART TV

Unlimited content, control, and instant connectivity. AQUOS® TVs with SmartCentral™ give you more of what you crave. From the best streaming apps, to the easiest way to channel surf and connect your devices, it's that easy.

120Hz

Delivers crystal-clear images
even during fast-motion
scenes.



LC-90LE745U

90" CLASS (DIAGONAL) LED TV

TECHNICAL SPECIFICATIONS

PANEL SPECIFICATIONS

Quattron™ Technology	-
Quad Pixel Plus 2	-
Display Panel Type	LCD
Backlight Type Source	LED-Edge Lit
Maximum Resolution	1920 x 1080, Full HD
Aspect Ratio	16x9
Dynamic Contrast Ratio	8,000,000:1
Refresh Panel Rate	120Hz
Refresh Scanning Rate	AquaMotion 240
Super Bright™	-

BROADCAST SYSTEM

Analog	NTSC
Digital	ATSC/QAM

BEZEL & TABLE STAND

Narrow Bezel	Yes
Slim Profile	Yes
Bezel Color	Aluminum (Black)
Stand Color	Black
Stand Type	Fixed

SPECIAL FEATURES

Wall Paper Mode	No
Gaming Mode	Yes
Vintage Movie mode	-
AQUOS Advantage SM Live	Yes

VIDEO

Optical Picture Control (OPC)	Yes
Enhanced Noise Reduction	Yes

AUDIO

Speakers (channel)	2.1
Speaker Location	Bottom, Down Firing
Speaker Output Power	10W +10W+ 15W (w/Subwoofer)
Auto Volume Control	Yes
Clear Voice	Yes
Simulated Surround	Yes
Headphone Jack	-
Wall Mount Setting	Yes

AV INPUTS/OUTPUTS (#, LOCATION)

RS-232C	1
PC In (1-15 pin D-sub)	1
Total USB Input(s)	2
USB feature	Photo/Music/Video/Software Update
Total HDMI Input(s)	4
ARC (Audio Return Channel)	Yes (HDMI 1)
MHL	Yes (HDMI 4)
RF in (Antenna/Cable)	1
Component Video Input(s)	1
Composite Video Input(s)	2
Audio Input(s)	4
Audio Output(s)	1
Digital Audio Output	Optical

CONNECTIVITY

Ethernet	Yes
Built-in Wireless	Yes (801.11 a/b/g/n)
IP Control	Yes
Bluetooth	-

SMART

Smart Apps	Yes
Dual Core Processor	Yes
Remote Control Apps (iOS/Android)	Yes
Web Browser	Yes
Web+TV Split Screen	-
Skype (FREETALK® TV Camera sold separately)	Yes
DLNA Certified®	Yes
MHL Compatible	Yes

3D

Type	Active 3D
Bluetooth 3D Glasses	AN-3DG40 (2 included)

CONVENIENCE FEATURES

Remote Type	Universal
Child Lock	Yes
Sleep Timer	Yes
Closed Caption	Yes
V-Chip	Yes
Language (English/French/Spanish)	Yes

POWER

Power Source (Voltage, Hz)	AC 120V, 60Hz
ENERGY STAR® Qualified (version 6.0)	Yes

WALL MOUNT

VESA Compliant	Yes (600 x 400mm)
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DIMENSIONS/WEIGHT

Excluding stand (w x h x d)	2054 x 1211 x 116 mm 80-7/8" x 47-11/16" x 4-5/8"
Including stand (w x h x d)	2054 x 1243 x 434 mm 80-7/8" x 49" x 17-1/8"
Shipping (w x h x d)	2236.8 x 1460.5 x 334.9 mm 88-1/16" x 57-1/2" x 13-3/16"
Product Weight Excluding Stand	64 kg / 141.1 lbs
Product Weight Including Stand	68 kg / 150 lbs
Shipping Weight	42.5 kg / 207.2 lbs

WARRANTY/UPC

Parts	1 year limited
Labor	1 year limited
UPC	074000373747

*1 Contact your local cable or satellite service provider for available HDTV.

*2 As an ENERGY STAR® partner, Sharp has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

*3 See warranty statement included in the product operation manual or as a PDF download at www.sharppusa.com.

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LC-90LE745U

90" CLASS (DIAGONAL) LED TV

MODEL FEATURES

PICTURE QUALITY

QUATTRON™

Exclusive Quattron™ color technology delivers a billion more colors, so you get a more powerful picture with brighter yellows, deeper blues, and richer golds. By adding 2 million yellow subpixels, Quattron creates a more realistic picture with greater detail and brightness, without sacrificing color accuracy – a feat that standard TV simply can't achieve.

AQUOS LED 1080p DISPLAY

The AQUOS® 1080p LED Display with advanced pixel structure brings you the most breathtaking HD images. Using photo-alignment technology that's precision crafted to let more light through in bright scenes and shut more light out in dark scenes, the AQUOS 1080p LED Display with a 10 million: 1 contrast ratio creates a picture so real you can see the difference.

120Hz REFRESH RATE

See sharper, electrifying action, with the most advanced panel refresh rates available today. 120Hz technology delivers crystal-clear images even during fast-motion scenes.

AQUOMOTION 240

AquaMotion 240, Sharp's backlight scanning technology, doubles the effective refresh rate to hit you with all the power that fast-moving sports and movies can deliver.

AUTO BRIGHTNESS CONTROL (OPC)

Sharp OPC automatically adjusts picture brightness to the light in the room. This cuts power consumption, while giving you a more beautiful—and comfortable—picture to watch.

SMART

SMARTCENTRAL™

Sharp's intuitive SmartCentral™ lets you quickly connect to your favorite content. Working through built-in Wi-Fi, you can instantly access apps, streaming movies, music, games, and websites you love. Now that's smart.

DUAL-CORE PROCESSOR

Dual-core processing means faster load times for apps and the web browser. So you spend less time waiting and more time enjoying.

MOST POPULAR APPS

From instant access to movies with Netflix, to videos with YouTube®, music with Pandora® and Rhapsody®, social sites like Facebook and Twitter, video and voice calls with Skype™*, and the best of gaming – what you love is only a click away. (*Additional camera needed)

WEB BROWSER

Welcome to the world's most incredible web browser: your Sharp television. Big, beautiful, super-fast, and built-in, you can now visit all your favorite sites in a window larger than life.

SPLIT-SCREEN WEB + TV

Sharp's split-screen experience lets you surf the web while you watch TV, so you never have to choose between your favorite show and your favorite site. Technology that gives you the best of television and the best of the web – that's truly the best experience.

FLASH-ENABLED

Not all browsers are created equal. Sharp lets you see stunning Flash-created animations live from your browser so that you can focus on the content, not the compatibility.

REMOTE CONTROL APP

Your remote's never out of reach with Sharp's app that lets you change the channel right from your iOS® or Android™ smartphone or tablet.

SHARP BEAM

Beam turns your smartphone into a fully functional content sharer that's simple and fun to use. Flick photos, videos, movies, and more from your smartphone or tablet to your big screen.

NETFLIX SECOND SCREEN

With Netflix Second Screen, you can browse and select the movie or show you want to watch on your smartphone and play it on your TV – instantly. Now the only thing standing between you and your favorite movies and TV shows is deciding which to watch.

BUILT-IN WI-FI

Every AQUOS® Smart TV has built-in Wi-Fi technology* that allows you to connect without the hassle of finding a cable. (*Additional fees and/or subscriptions may apply)

HDMI®

When it comes to HD connections for your gear, the more the better. HDMI® lets you connect sources like your Blu-ray Disc™ player, cable box, and game consoles with the most advanced digital connections available today.

MHL®

An MHL® connection turns a small-screen phone into a big-screen experience. MHL delivers HD uncompressed video with up to eight channels of digital audio. Since MHL also charges the mobile device, you can power up at the same time you're connected. You can also control MHL-enabled mobile devices using your existing TV remotes to easily access and select content.

COMPATIBILITY

Sharp AQUOS® LED large screens are smarter smart TVs. They work seamlessly with virtually all your gear, from Blu-ray™ to cable boxes to gaming consoles. And with 4 HDMI® inputs, you can keep your options open.

AUTOMATIC SOFTWARE UPDATES

Television at its smartest: your AQUOS® LED TV automatically updates its software as improvements and optimizations are developed.

DESIGN

SLIM DESIGN

Fit more screen in less space. The brilliant AQUOS® LED display is embraced by a striking new frame that's thinner around the screen and slimmer in depth, so it can fit just about anywhere.

WALLPAPER MODE

This innovative feature turns a blank screen into a work of art. When the TV is turned off, Wallpaper Mode lets you display virtually any image you choose on the AQUOS® LED screen at a reduced light level that mirrors museum conditions, so your screen blends beautifully into your room's decor. All at extremely low power. You can even set on and off times.

SOUND

35W AUDIO

Big TV deserves a huge sound experience. Enjoy the ultimate in viewing with 35W audio that thunders with a built-in subwoofer.

3D

FULL HD ACTIVE 3D

All 3D is not created equal. Sharp's Full HD Active 3D produces a brighter, crisper picture, a 3D experience that truly does blow people away.

2D/3D SWITCH

With Sharp 3D glasses, you can switch from 3D to 2D any time you want – without affecting anyone else in the room. With Sharp 3D, everyone gets what they like.