Big, bold and brainy - the LC-60LE650U is an LED Smart 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, a 4 million:1 dynamic contrast ratio, and a 120Hz refresh rate for precision clarity during fast-motion scenes. A Smart TV with Dual-Core processor and built in WiFi, the LC-60LE650U lets you quickly access apps streaming movies, music, games, and websites.

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 4 million:1 contrast ratio creates a picture so real you can see the difference.

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.

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

### Panel Specifications
- **Display Panel Type:** LCD
- **Backlight Type/Source:** LED-Edge Lit
- **Maximum Resolution:** 1920 x 1080, Full HD
- **Aspect Ratio:** 16x9
- **Dynamic Contrast Ratio:** 4,000,000:1
- **Refresh Panel Rate:** 120Hz

### Bezel & Table Stand
- **Narrow Bezel:** Yes
- **Slim Profile:** Yes
- **Bezel - Color/Material:** Black
- **Stand - Color/Material:** Black
- **Stand (fixed or swivel):** Fixed

### Broadcast System
- **Analog:** NTSC
- **Digital:** ATSC/QAM

### Special Features
- **Wall Paper mode:** Yes
- **Gaming Mode:** Yes
- **AQUOS Advantage® Live**: Yes

### Video
- **Optical Picture Control (OPC):** Yes
- **Enhanced Noise Reduction:** Yes

### Audio
- **Speakers (channel):** 2
- **Speaker Location:** Bottom, Front Firing
- **Speaker Output Power:** 10W+10W
- **Auto Volume Control:** Yes
- **Clear Voice:** Yes
- **Simulated Surround:** Yes
- **Headphone Jack:** 1
- **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 (802.11 a/b/g/n):** Yes
- **IP Control:** Yes

### 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 120 V, 60 Hz
- **ENERGY STAR® Qualified (version 6.0):** Yes

### Wall Mount
- **VESA Compliant:** Yes (400mm x 400mm)

### Dimensions/Weight (Inches/Lbs.)
- **Excluding stand (wxhxd):** 54-19/64” x 33-17/32” x 3-1/32”
- **Including stand (wxhxd):** 54-19/64” x 33-1/2” x 14-11/64”
- **Shipping (wxhxd):** 59-7/8” x 37-3/8” x 7-7/8”
- **Product Weight (Excluding Stand/Including Stand):** 55.1 lbs/61.7 lbs
- **Shipping Weight:** 76.1 lbs

### Warranty/UPC
- **Parts:** 1 year limited
- **Labor:** 1 year limited
- **UPC:** 074000373884

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PICTURE QUALITY

AQUOS® UV2A DISPLAY
The advanced AQUOS® UV2A Display* uses a unique, precision pixel structure to deliver dynamic HD images. With technology that's created to let more light through in bright scenes and fight light leakage in dark scenes, the AQUOS UV2A Display with a 4 million:1 contrast ratio creates pulse-racing picture every time.

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.

AUTO BRIGHTNESS CONTROL
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.

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 app 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.

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.

FRAME DESIGN
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.

20W AUDIO
Big sound to complete your big-screen experience. The powerful 20W audio features high fidelity with Clear Voice, so all of your scenes sound great.