

# SHARP

LE640U Series  
LC-70LE640U, LC-60LE640U, LC-52LE640U  
AQUOS® LCD HDTVs



AQUOS  
LED

Fine Motion Enhanced

120Hz

Frame Rate Conversion



The Aquos LE640 Series, in 70" Class (69 1/2" Diagonal), 60" Class (60-1/32" Diagonal) and 52" Class (52 1/32") is a part of our AQUOS LED TV line. This LE640 line-up provides customers with tremendous value when compared to other large screen televisions. With Sharp's Full HD 1080p X-Gen panel and LED edge lit technology delivers the most natural and vibrant picture quality available. The LE640 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, IP Control as well as a revitalized and easy to use SmartCentral interface that will allow you to access popular applications, such as NETFLIX.

The proprietary AQUOS LED system comprised of the XGen LCD panel and UltraBrilliant LED enables an incredible dynamic contrast ratio of 4,000,000:1. 120Hz Fine Motion Enhanced virtually eliminates 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 apps, AquosNet and Sharps exclusive customer service Aquos Advantage Live.

## Features

**SmartCentral user interface** - with access to Netflix, Vudu, YouTube, Facebook, and Twitter (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-fluorecents, 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-70LE640U	LC-60LE640U	LC-52LE640U
Basic Specifications			
Screen Size Class	70" Class (69 1/2" Diagonal)	60" Class (60-1/32" Diagonal)	52" Class (52 1/32" Diagonal)
Panel Type	X-Gen LCD Panel		
Backlight System	Edge lit LED		
Audio System	10W + 10W		
Response Time	4ms		
Features			
Smart TV	Yes with new user interface		
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	2		
Audio Inputs (L/R)	2		
RS-232C	1		
PC	1 (15-pin D-sub)		
Ethernet Input	1		
Power			
Power Consumption AC (watts)	228 W	188 W	150 W
Power Source	120 V, 60 Hz		
Weight & Dimensions : Dimensions			
Dimensions (wxhxd)(mm)	1615 x 976 x 89	1385 x 839 x 74	1208 x 739 x 72
Dimensions with Stand (wxhxd)(mm)	1615 x 1009 x 333	1385 x 872 x 333	1208 x 771 x 333
Weight & Dimensions : Weight			
Product Weight (kgs)	36	25.5	22.5
Weight with Stand (kgs)	39	28	25.5
Additional Specifications			
Cabinet Colour	Glossy black top & brushed finish molding		
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.sharppusa.com](http://www.sharppusa.com).

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