



Philips Eco LED series
Designed with the future in
mind

42"

Full HD 1080p digital TV



42PFL6805H

Designed with the future in mind

with solar powered Remote Control

Be captivated by a truly refined performance. An ultra thin design in high quality aluminium sets the scene for you to experience the brilliance of LED technology.

Picture and Sound

- Lifelike picture and sound for cinema experience at home.

Style

- Slim, thin and high quality, made of recycled aluminium

Greener every day

- Brilliant LED images with low power consumption
- 2-in-1 wallmount and TV stand avoids unnecessary accessories
- Solar rechargeable remote means never replace batteries
- 100% recyclable packaging for lowest environmental impact
- Zero power consumption at a flick of the 0 Watt hard switch

PHILIPS

sense and simplicity

Highlights

LED

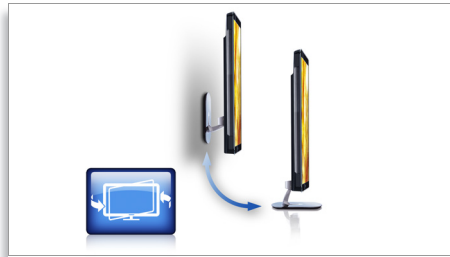


LED lighting technology is the most advanced available. In this TV it combines an eye-catching minimalistic design with stunning image quality and on top the lowest power consumption in its category. An other environmental benefit is that LED lighting technology does not contain hazardous materials. With LED backlight you can enjoy low power consumption, high brightness, incredible contrast and sharpness and vibrant colors.

100% recyclable packaging

100% recyclable packaging for lowest environmental impact. A lot of detail and breakthrough innovation went in the design of this packaging. By eliminating polystyrene buffers and plastic bags this TV makes yet another contribution to a more sustainable environment. In a highly innovative development for this size of TV it uses only paper and cardboard, so the complete packaging can easily be recycled.

2-in1 Stand and wallmount



This TV comes with a revolutionary table top stand that can also be used to wall-mount your television. There is no need to buy additional wall-mount brackets. The stand is also designed to ensure that your TV is always level when wall-mounted. A simple touch of your hand will perfectly level the TV! Not only is this very convenient as you find all in the box. The environment benefits even more because an unnecessary source of waste is eliminated as you do not need to discard any parts.

Slim and thin, real aluminium

This TV has one of the thinnest profiles in the market. It exudes quality with a state of the art ultraslim edge-lit LED display, and solid aluminium housing. Using high quality recycled aluminium, the pure appearance of the aluminium design is a living proof that sustainability and a superior high end product can go hand in hand. The aluminium used in the production has a recycling percentage of over 60%, far higher than standard aluminium.

Zero Watt power switch

Zero power consumption at a flick of the 0 Watt hard switch

Lifelike picture and sound

Pixel Precise HD builds on the award winning Pixel Plus foundation. It brings the picture quality to the next level with 4 trillion colours with HD Natural Motion making all your movies fluently moving and razor sharp. With Super Resolution, Pixel Precise HD now brings you the best picture quality whether you are watching a video from the internet or good quality Blu-ray movies. The 20W speaker system with "clear sound" rounds off a cinema experience.

Solar Remote



With this Solar powered rechargeable remote you never need to replace or dispose of batteries again. Designed for maximum sustainability the solar cell will recharge the remote from freely available source of energy: daylight. And even in darker winter times there is no need to worry. The built in accumulator has a significant energy reserve to keep the RC going, and keep you in control!



Specifications

Picture/Display

- Aspect ratio: Widescreen
- Brightness: 380 cd/m²
- Dynamic screen contrast: 500000:1
- Response time (typical): 2 ms
- Viewing angle: 176° (H) / 176° (V)
- Diagonal screen size: 42 inch / 107 cm
- Display: LCD Full HD, edge LED backlight
- Panel resolution: 1920x1080p
- Picture enhancement: Active Control + Light sensor, 2D/3D noise reduction, Super Resolution
- Screen enhancement: Anti-Reflection coated screen
- Color processing: 4 trillion colors (14bit RGB)

Supported Display Resolution

- Computer inputs: up to 1920x1080 @ 60Hz
- Video inputs: up to 1920x1080p, 24, 25, 30, 50, 60 Hz

Sound

- Output power (RMS): 20W (2*10W)
- Sound Enhancement: Dynamic Bass Enhancement, Incredible Surround, Treble and Bass Control, Clear Sound

Convenience

- Ease of Installation: Channel installation wizard, Settings assistant wizard, Device connection wizard, Auto detect Philips devices, 2-in-1 Wallmount Stand
- Ease of Use: Onscreen Usermanual, Touch control buttons, Favorite program selection, Mozaic channel grid, One-stop experience button, One-stop Home button
- Electronic Program Guide: Now + Next EPG, 8day Electronic Program Guide*
- Remote Control: Solar powered rechargeable RC
- Screen Format Adjustments: Autofill (no black bars), Autozoom (original format, includes 4:3, 14:9, 21:9), Super Zoom, Movie expand 16:9, Widescreen, unscaled (1080p dot by dot)
- Teletext: 1200 page Hypertext
- Firmware upgradeable: Firmware upgradeable via USB
- Multimedia: USB media browser

Multimedia Applications

- Picture Playback Formats: JPEG

- Music Playback Formats: MP3
- Video Playback Formats: Codec support: H264/ MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB Terrestrial *, DVB-T MPEG4*, DVB-C MPEG4*, MHEG, MHP Gold label (Italy)
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity

- Ext 1 Scart: Audio L/R, CVBS in, RGB
- Ext 2 Scart: Audio L/R, CVBS in, RGB
- Ext 3: YPbPr, Audio L/R in
- VGA-in: PC input, D-sub 15
- HDMI 1: HDMI v1.4 (Audio Return Ch.)
- HDMI 2: HDMI v1.3
- HDMI 3: HDMI v1.3
- HDMI Side: HDMI v1.3
- Front / Side connections: USB, Common Interface Slot (CI-CI+), SD-card (Videostore)
- Other connections: Headphone out, S/PDIF out (coaxial)
- HDMI features: Audio Return Channel, Instaport fast HDMI switching
- EasyLink (HDMI-CEC): One touch play, EasyLink, Pixel Plus link, Remote control pass-through, System audio control, System standby

Power

- Ambient temperature: 5 °C to 35 °C
- Mains power: 220 - 240V, 50/60Hz
- Power consumption (typical): 46 W
- Standby power consumption: <0.09 W
- Power Saving Features: 0 Watt Power-off switch, Light sensor, Eco mode, Picture mute (for radio), Auto switch-off timer, Eco settings menu

Dimensions

- Set dimensions (W x H x D): 991 x 605 x 43 mm
- Set dimensions with stand (H x D): 658 x 201 mm
- Product weight: 14,5 kg
- Product weight (+stand): 16,2 kg
- Box dimensions (W x H x D): 1200 x 786 x 160 mm
- Color cabinet: Brushed Real Aluminium
- VESA wall mount compatible: 200 x 200 mm

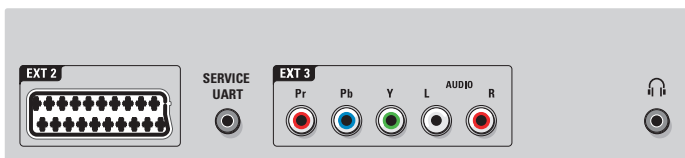
Accessories

- Included accessories: Power cord, Quick start guide, Legal and safety brochure, Charging cable USB A > Micro-B

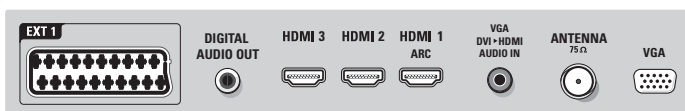
Sustainability

- Energy Efficiency: Lowest power in Ultra-thin TVs, Low power LED display, 60% less power vs predecessor, Ambient light sensor, Energy saving options, Solar rechargeable Remote
- Material: TV in >60% recycled Aluminium, Minimal component Architecture, 2 in 1 Stand avoids waste, Minimal industrial metal waste, Minimized internal cable
- Recycling and disposal: Designed for disassembly, Highest % recyclable content, packaging materials 100% paper
- Removal hazardous substances: Full Halogen & PVC free design
- Packaging: 100% paper monomaterials, 0% plastic used in packaging, Full cardboard cushions, Minimized dimensions
- User manual: No paper user manual, 28 languages E-user manual, Integrated E- user manual

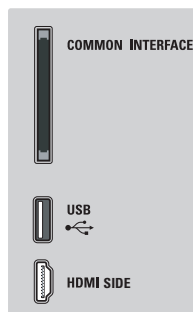
BACK CONNECTORS



BOTTOM CONNECTORS



SIDE CONNECTORS



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* 8 days EPG, service not available in all countries

* The TV supports DVB reception for 'Free to air' broadcast. Specific DVB operators may not be supported. An up to date list can be found in the FAQ section of the Philips support website. For some operators Conditional Access and subscription are required. Contact your operator for more information.