



Philips Econova
Designed with the future in
mind

107 cm (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 a 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 wall mount and TV stand avoids unnecessary accessories
- Solar rechargeable remote control means never replacing batteries
- 100% recyclable packaging for the lowest environmental impact
- Zero watt power switch



PHILIPS
sense and simplicity

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42PFL6805H/12

Highlights

LED



The most advanced LED lighting technology in this TV combines an eye-catching minimalistic design with stunning image quality as well as the lowest power consumption in its category. On top of that, LED lighting technology does not contain any hazardous materials. Thus, with LED backlight you can enjoy low power consumption, high brightness, incredible contrast, sharpness and vibrant colours.

100% recyclable packaging

We use 100% recyclable packaging for the lowest environmental impact. A lot of detail and breakthrough innovation went into 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, we only use paper and cardboard, so the complete pack can more easily be recycled.

2-in1 Stand and wall mount



This revolutionary 2-in-1 table-top stand can also be used to easily wall-mount your television. The patented design allows for no less than 4 mounting positions: table-top swivel stand, wall-mount with swivel, ultra flat wall-mount and VESA-compatible wall-mounting. With simple mounting and smart levelling, you can make sure that the TV is perfectly horizontal.

Slim, thin, recycled aluminium

This TV has one of the thinnest profiles on 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 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 and with HD Natural Motion giving all your movies fluent action sequences and razor sharp images. With Super Resolution, Pixel Precise HD now brings you the best picture quality whether you are watching a video from the Internet or high quality Blu-ray movies. The 20 W speaker system with "clear sound" rounds off a truly cinematic 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 cells simply recharge the remote using daylight. Even in darker winter times, there is no need to worry: the built-in accumulator has a significant energy reserve to keep the remote going and keep you in control!

Energy Class A plus

EU Energy Label

EU Energy Label. For many years Philips has pro-actively been working on the reduction of both on-mode and standby power consumption of its televisions. As a result most Philips televisions have achieved green EU energy labels in 2010/2011. The greener the label, the lower the on-mode power consumption, the lower your energy bill and the friendlier it is to the environment.

Pixel
Precise HD



Clear
Sound

DVB TC
TERRESTRIAL/CABLE

60%
energy
savings

solar
remote control

60%
RECYCLED
ALUMINIUM

zero
power switch

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Specifications

Picture/Display

- Aspect ratio: Widescreen
- Brightness: 380 cd/m²
- Dynamic screen contrast: 500,000:1
- Response time (typical): 2 ms
- Viewing angle: 176° (H)/176° (V)
- Diagonal screen size: 42 inch / 107 cm
- Display: edge LED backlight, LED Full HD
- Panel resolution: 1920 x 1080p
- Picture enhancement: Pixel precise HD, Active Control + Light sensor, 100 Hz Clear LCD, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient Improver, MPEG artefact reduction, HD Natural Motion, Super Resolution, Colour booster
- Screen enhancement: Anti-Reflection coated screen
- Peak Luminance ratio: 65 %
- Colour processing: 4 trillion colours (14-bit RGB)
- Colour cabinet: Brushed Real Aluminium

Supported Display Resolution

- Computer inputs: up to 1920 x 1080 @ 60 Hz
- Video inputs: up to 1920 x 1080p, 24, 25, 30, 50, 60 Hz

Sound

- Output power (RMS): 2 x 10 W, Invisible Sound
- 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: On-screen User manual, Touch control buttons, Favourite programme selection, Mozaïc channel grid, One-stop experience button, One-stop Home button
- Electronic Programme Guide: Now + Next EPG, 8-day Electronic Programme Guide*
- Remote Control: Solar powered rechargeable Remote Control
- 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
- Digital TV: DVB Terrestrial*, DVB-T MPEG4*, DVB-C MPEG4*
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity

- Number of HDMI connections: 4
- HDMI features: HDMI 1.4 with, Content Type, Deep Color, Audio Return Channel (HDMI 1)
- EasyLink (HDMI-CEC): One touch play, Pixel Plus link (Philips), Remote control pass-through, System audio control, System standby, Plug and play add to Homescreen, Activity download (Philips), Auto subtitle shift (Philips), EasyLink
- Number of components in (YPbPr): 1
- Number of scarts (RGB/CVBS): 2
- Number of USBs: 1
- Other connections: Antenna F-type, Headphone out, PC-in VGA + Audio L/R in, S/PDIF out (coaxial), Common Interface Plus (CI+), Service connector, Antenna IEC75
- Summary: 4 x HDMI, 1 x USB, 2 x SCART

Power

- Green label: ECO label certified
- Ambient temperature: 5°C to 35°C
- Mains power: 220 - 240 V, 50/60 Hz
- Energy Label Class: A+
- Power consumption (typical): 46.0 W
- Standby power consumption: 0.07
- Off mode power consumption: < 0.01 W
- Annual energy consumption: 67.2 kW h
- Presence of lead: Yes*
- 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
- VESA wall mount compatible: 200 x 200 mm

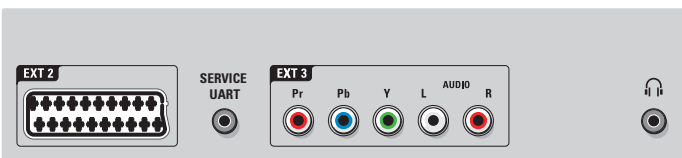
Accessories

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

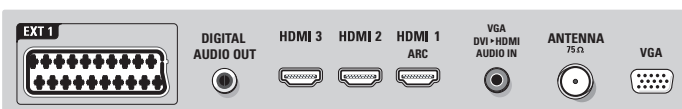
Sustainability

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

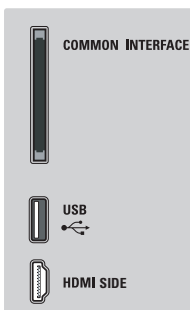
BACK CONNECTORS



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.

* Typical on-mode power consumption measured according to IEC62087 Ed 2.

* Annual energy consumption is calculated using the typical power consumption of 4 hours per day, 365 days per year.

* This television contains lead only in certain parts or components where no technology alternatives exist in accordance with existing exemption clauses under the RoHS Directive.