Philips
Eco Smart LED TV with
Pixel Plus HD

117 cm (46")
Full HD 1080p
DVB T/C/S2

46PFL6806K

Designed with the future in mind

Energy class A++

Awarded as the European Green TV 2011-2012 by EISA, the Philips Econova 46PFL6806 ECO Smart LED TV has clear, vivid Full HD pictures and authentic sound. With Smart TV, you can easily surf the Internet and download movies.

Your entertainment in brilliant detail
• Full HD TV with Pixel Plus HD for better details and clarity
• Brilliant LED images with incredible contrast
• 400 Hz Perfect Motion Rate (PMR) for superb motion sharpness

Enjoy the online world with Smart TV
• A wealth of online apps, videos to rent and catch-up TV
• Control the TV with your smart phone, tablet or keyboard
• With DLNA, enjoy photos, music and movies on your TV
• Find, schedule, record* and pause TV
• Wi-Fi Ready to use Net TV Apps and SimplyShare wirelessly

Greener every day
• Zero watt power switch
• 2-in-1 stand for easy use on a table and a wall mount
• Solar rechargeable remote control means never replacing batteries
• Energy Class A++

NL/22/001

PHILIPS

Highlights

Pixel Plus HD

Pixel Plus HD offers the unique combination of ultimate sharpness, natural detail, vivid colours and smooth natural motion. Artefacts and noise in any sources, from multimedia to standard definition TV, and also in highly compressed HD are detected and reduced, ensuring that the picture is clear and razor-sharp.

Full HD LED TV

The most advanced LED lighting technology in this Full HD LED 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 backlights you can enjoy low power consumption, high brightness, incredible contrast, sharpness and vibrant colours.

400 Hz Perfect Motion Rate

400 Hz Perfect Motion Rate (PMR) creates extreme motion sharpness for clear and vibrant images in fast action movies. The new

Philips PMR standard shows the combined visible effect of the fastest panel refresh rate, HD Natural Motion and unique processing formula, for unprecedented motion sharpness.

Zero Watt power switch

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

2-in-1 stand

This TV comes with a revolutionary tabletop stand that can also be use to wall-mount your television. There is no need to buy additional wall-mount brackets. The environment benefits even more because an unnecessary source of waste is eliminated as you do not need to discard any parts.

Solar powered remote control

With this Solar powered rechargeable remote control you never need to replace or dispose of batteries again. Designed for maximum sustainability, the solar cell will recharge the remote control from a freely available source of energy: daylight. And even in darker winter

times there is no need to worry: the built in accumulator has a large energy reserve to keep the remote control going, and keep you in charge!

100% recyclable packaging

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

Smart TV

Smart TV for a simpler TV experience in four areas. Net TV lets you rent films, watch catch-up TV and enjoy social media. Control your TV with your Smartphone or tablet. Use SimplyShare to enjoy multimedia content from your computer, phone and tablet on your TV. Record your TV programmes easily without additional bulky devices.

EU Eco Label

The Philips eco-design process aims to create products that are increasingly eco-friendly. Our efforts have been recognised and Philips has been awarded the EU Eco Label (Eco flower) for the majority of its models because of their high energy efficiency, ultra low standby powers (up to 50% less than the required EU Eco Label level), absence of hazardous substances (e.g. lead) and design for easier recycling.

Eco Smart LED TV
117 cm (46") Full HD 1080p, DVB T/C/S2

46PFL6806K/02

Specifications

Picture/Display
- Display: edge LED backlight
- Diagonal screen size: 46 inch / 117 cm
- Panel resolution: 1920 x 1080p
- Aspect ratio: 16:9
- Peak Luminance ratio: 65 %
- Dynamic screen contrast: 500,000:1
- Response time (typical): 2 ms
- Picture enhancement: Pixel Plus HD, HD Natural Motion, Active Control + Light sensor, Super Resolution, 400 Hz Perfect Motion Rate

Sound
- Output power (RMS): 28 W (2 x 14 W)
- Sound Enhancement: Ambi-wOOx, Auto Volume Leveller, Clear Sound, Incredible Surround, Treble and Bass Control

Smart TV Applications
- Control: MyRemote app (iOS & Android), USB Keyboard and Mouse support
- SimplyShare: DLNA media browser, USB media browser
- Net TV: Catch-up TV, Online Video shops, Open Internet browser, Online apps
- Programme: Pause TV, USB recording

Connectivity
- Number of HDMI connections: 3
- HDMI features: Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, Plug and play add to Homescreen, Auto subtitle shift (Philips), Pixel Plus link (Philips), One touch play
- Number of components in (YPbPr): 1
- Number of scarts (RGB/CVBS): 1
- Number of USBs: 1
- Other connections: Antenna IEC75, Antenna F-type, Common Interface Plus (CI+), Ethernet-LAN RJ-45, SD card slot (Videostore), Digital audio out (coaxial), PC-in VGA + Audio L/R in, Headphone out, Service connector
- Wireless connections: Wireless LAN ready

Multimedia Applications
- Video Playback Formats: Codec support:, Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1
- Music Playback Formats: AAC, MP3, WMA (v2 up to v9.2)
- Picture Playback Formats: JPEG
- Net TV: Included

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

Convenience
- PC network link: DLNA 1.5 certified
- Electronic Programme Guide: 8-day Electronic Programme Guide*
- Ease of Installation: Auto detect Philips devices, Channel installation wizard, Device connection wizard, Network installation wizard, Settings assistant wizard, 2-in-1 Wallmount Stand
- Ease of Use: One-stop Home button, On-screen User manual, Touch control buttons
- Screen Format Adjustments: Autofill, Autozoom, Movie expand 16:9, Super Zoom, Unscaled, Widescreen
- Signal strength indication
- Teletext: 1200-page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade

Tuner/Reception/Transmission
- Digital TV: DVB-C MPEG2*, DVB-C MPEG4*, DVB-S2 MPEG4 HD, DVB-T MPEG2*, DVB-T MPEG4*, DVB-S HD+ support (Astra)
- Video Playback: NTSC, PAL, SECAM

Power
- Mains power: 220-240 V ~ ;50-60 Hz
- Ambient temperature: 5°C to 40°C
- Energy Label Class: A++
- EU Energy Label power: 45.5 W
- Annual energy consumption: 63.1 kW·h
- Standby power consumption: < 0.15 W
- Power Saving Features: 0 Watt Power-off switch, Auto switch-off timer, Eco mode, Eco settings menu, Light sensor, Picture mute (for radio)
- Presence of lead: Yes*
- Off mode power consumption: < 0.01 W
- Annual stby energy consumption: 1.1* kW·h

Dimensions
- Box dimensions (W x H x D): 1324 x 773 x 198 mm
- Set dimensions (W x H x D): 1081 x 653 x 39.9 mm
- Set dimensions with stand (W x H x D): 1081 x 705 x 265 mm
- Product weight: 16.4 kg
- Product weight (+stand): 20 kg
- Compatible wall mount: 400 x 400 mm

Accessories
- Included accessories: Power cord, Solar powered remote control, Quick start guide, Legal and safety brochure, Warranty Leaflet, Charging cable USB A > Micro-B
- Optional accessories: Wireless USB adapter (PTA01), Philips Wall Mount SQM 6375, Philips Wall Mount SQM 6485

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

* Net TV: Visit www.philips.com/smarttv to discover the services available in your country.
* 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.
* Using the integrated digital TV tuner will help to save energy
* 8 days EPG, service not available in all countries
* Energy consumption in kWh per year based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.
* Using the ZERO power off switch will reduce standby energy consumption to 0
* 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.