PAPERCAST®

BRING YOUR INFORMATION TO LIFE

The world leader in battery and solar powered e-paper displays

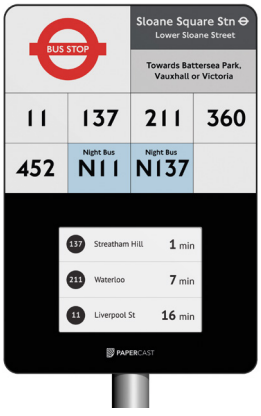
www.papercast.com

E-PAPER DISPLAY SPECIFICATIONS

OUTDOOR

Ruggedized IK09 and IP67 fully standalone wireless, solar or battery powered e-paper displays are supplied in an aluminium enclosure with toughened front glass, designed for easy installation to an existing bus stop pole or shelter. All displays are available with optional illumination, text-to-speech and interactive functionality such as changing the display content and selecting different languages.

	13”	23”	13” TRIPLE
Dimension	469 x 269 x 65 mm	757 x 269 x 65 mm	1046 x 269 x 65 mm
Weight	7 kg	11 kg	16.5 kg
Display resolution	1600 x 1200 Pixels	3200 x 1200 Pixels	4800 x 1200 Pixels
Pigment	Greyscale (16 levels of grey) Displayed Colours: 4096	Greyscale (16 levels of grey)	Greyscale (16 levels of grey)
Communication	Cellular Network, WiFi, Ethernet	Cellular Network, WiFi, Ethernet	Cellular Network, WiFi, Ethernet
Power supply	Solar, Battery, PoE, Mains	Solar, Battery, PoE, Mains	Solar, Battery, PoE, Mains
Mounting type	Round Post / Square Post / Wall	Round Post / Square Post / Wall	Round Post / Square Post / Wall

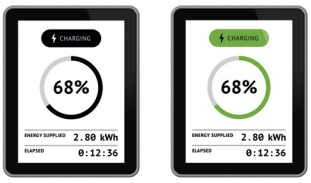


	13” BATTERY POWERED FLAG	13” BATTERY POWERED COMPACT
Dimension	699 x 479 x 55 mm	429 x 345 x 49 mm
Weight	16 kg	11 kg
Display resolution	1600 x 1200 pixels	1600 x 1200 pixels
Pigment	Greyscale (16 levels of grey)	Greyscale (16 levels of grey)
Communication	Cellular Network, WiFi, Ethernet	Cellular Network, WiFi, Ethernet
Power supply	Long Life Battery	Long Life Battery
Mounting type	Round Post / Square Post / Flag	Round Post / Square Post / Flag

E-PAPER DISPLAY SPECIFICATIONS

OUTDOOR

	13”	23”	28”
Dimension	345 x 276 x 50 mm	634 x 276 x 50 mm	755 x 262 x 50 mm
Weight	6.5 kg	10.5 kg	10 kg
Display resolution	1600 x 1200 Pixels	3200 x 1200 pixels	3840 x 1080 pixels
Pigment	Greyscale (16 levels of grey) Displayed Colours: 4096	Greyscale (16 levels of grey)	Greyscale (16 levels of grey)
Communication	Cellular Network, WiFi, Ethernet	Cellular Network, WiFi, Ethernet	Cellular Network, WiFi, Ethernet
Power supply	Solar, Battery, PoE, Mains	Solar, Battery, PoE, Mains	Solar, Battery, PoE, Mains
Mounting type	VESA 200	VESA 200	VESA 600 x 200



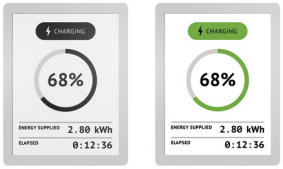
	32”	42”
Dimension	772 x 470 x 58 mm	957 x 740 x 59 mm
Weight	25 kg	51 kg
Display resolution	Greyscale 2560 x 1440 pixels RGB 1280 x 720 pixels	2880 x 2160 Pixels
Pigment	Greyscale (16 levels of grey) Displayed Colours: 4096	Greyscale (16 levels of grey)
Communication	Cellular Network, WiFi, Ethernet	Cellular Network, WiFi, Ethernet
Power supply	Solar, Battery, PoE, Mains	Solar, Battery, PoE, Mains
Mounting type	VESA 200	VESA 400

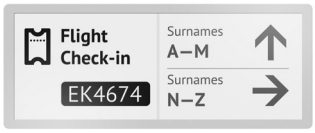
E-PAPER DISPLAY SPECIFICATIONS

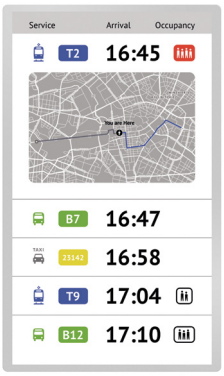
INDOOR

Ultra slimline and lightweight indoor e-paper displays are designed to be installed on stands, walls or within a customer's own enclosure. With industry leading power efficiency, the displays run on batteries longer than any other display technology. Wirelessly connected to our cloud-based Content Management System, they can be positioned anywhere and moved from location to location with ease.

	▼ 13"	▼ 23"	▼ 25"
Dimension	310 x 237 x 44 mm	635 x 284 x 44 mm	602 x 353 x 37 mm
Weight	2.5 kg	4.5 kg	2.5 kg
Display resolution	1600 x 1200 pixels	3200 x 1200 pixels	3200 x 1800 pixels
Pigment	Greyscale (16 levels of grey) Displayed Colours: 4096	Greyscale (16 levels of grey)	Displayed Colours: 4096
Communication	Cellular Network, WiFi, Ethernet	Cellular Network, WiFi, Ethernet	Cellular Network, WiFi, Ethernet
Power supply	Solar, Battery, PoE, Mains	Solar, Battery, PoE, Mains	Solar, Battery, PoE, Mains
Mounting type	VESA 100	VESA 200	VESA 100





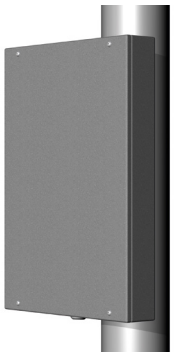


	▲ 32"	▲ 42"
Dimension	717 x 426 x 44 mm	915 x 688 x 43 mm
Weight	7.5 kg	13.5 kg
Display resolution	Greyscale 2560 x 1440 pixels RGB 1280 x 720 pixels	2880 x 2160 Pixels
Pigment	Greyscale (16 levels of grey) Displayed Colours: 4096	Greyscale (16 levels of grey)
Communication	Cellular Network, WiFi, Ethernet	Cellular Network, WiFi, Ethernet
Power supply	Solar, Battery, PoE, Mains	Solar, Battery, PoE, Mains
Mounting type	VESA 200	VESA 400

POWER OPTIONS

Papercast solar power modules have been designed for sustained high performance and to complement the contemporary design of our e-paper displays.

	20W SOLAR	40W SOLAR	LONG LIFE BATTERY
Dimension	447 x 345 x 418 mm	568 x 642 x 422 mm	300 x 269 x 55 mm
Weight	7 kg	12 kg	10 kg
Peak power (Pmax)	20W	40W	–
Type of cell	36 (2 x 18) Polycrystalline cells	72 (4 x 18) Polycrystalline cells	Li/SOCl2
Nominal voltage	12.8V	12.8V	14.40V
Nominal capacity	24Ah 48Ah	24Ah 48Ah	133Ah
Max. charge current	12A	12A	–
Mounting Type	Round Post / Square Post / Wall	Round Post / Square Post / Wall	Round Post / Square Post / Wall



OTHER POWER OPTIONS

RECHARGABLE BATTERIES
Power the displays for multiple years on a rechargeable battery.

ON GRID
Papercast displays can be hard wired into mains electricity where accessible at the display location.

POWER OVER ETHERNET
Both power and connectivity can be enabled through an ethernet cable.

STREET LIGHT POWER
Connect to street light power to charge the Papercast displays.

FEATURES AT A GLANCE

E-paper display

Sunlight readable
High contrast HD E Ink displays with night time LED illumination

Low power
Market leading power, processing and data performance

Battery powered
Runs on batteries longer than any other display technology

Fully rechargable
Solar powered outside and mains rechargeable when used indoors

Wireless connectivity
Optimised data compression and transmission

Display options
Standard and custom display configurations

Seamless refresh
Local content rendering and partial screen update

Fully protected
Ruggedized IP67 & IK09 rated outdoor displays

Easy installation
Standalone 'off-the-grid' display, installed in hours

Complete control
Bespoke cloud based advanced management system

Instant integration
Simple integration supporting major open standards

Eco-friendly
Sustainable and environmentally friendly technology

Cloud-based Content Management System

Easy onboarding
Register and activate new displays using the management platform in just a few clicks

Instant integration
Offers simple integration with GTFS, GTFS RT, SIRI and other data standards

Complete freedom
The ultimate flexibility to customize content exactly how you want

Make it your own
Create and customise your own layouts, apps and widgets using javascript Node.JS

When it suits you
Publish content instantly or schedule for certain times

Reduce perceived wait times
Share local news and information or generate advertising revenue

Have absolute control
Manage every aspect of every display, at any time, from any device

Stay protected
Receive notification in the event of attempted vandalism