EPSON PowerLite® 600p

Value, versatility, and full-featured performance

Increase your overall sales by giving more and more of your customers the projector they've been asking for—a solid, reliable portable that won't break the budget for important educational or business programs. Engineered to deliver incredible power and flexibility, the EPSON PowerLite 600p offers 1700 lumens of brightness and unsurpassed Epson reliability—all at an unbelievable value. This whisper-quiet portable produces striking quality and color. And, it includes a unique combination of features you won't find in competitive models, without the need for costly expansion modules. Even more convenient to operate and install than many other portable projectors, it's backed by the kind of reliability that you and your customers have come to expect from Epson. Dependable performance at a phenomenal value—that's the EPSON PowerLite 600p.

Brilliant brightness from a convenient, 9.3 lb projector
- 1700 ANSI lumens

Superior detail and razor-sharp contrast
- Native SVGA (800 x 600) resolution
- 3-LCD high-performance image quality (three EPSON 0.9″ high aperture LCDs for rich color saturation across the screen)
- 400:1 contrast ratio for blacker blacks and whiter whites
- New EPSON ColorReality™ color processing technology

Easy installation, setup and operation
- No costly expansion modules necessary; complete set of computer and video connections included as standard
- NEW! Horizontal keystone correction (30° vertical, 10° horizontal)
- Conveniently placed lamp access on top of the projector; designed for easy changes, even when the projector is ceiling-mounted
- 5 watt audio so there's no additional audio expense for educational institutions on a budget
- Quiet operation (38db) to eliminate excessive sound during presentations
- 1.35x optical zoom ratio—position the projector closer to the screen for unobtrusive operation
- ASCII-based RS-232 communication for easy compatibility with control systems and installation accessories from companies like Crestron™, Panja™, and Extron™
- Monitor out capability for simultaneous display on a monitor and screen
- Multiple inputs and outputs, including component and DVI inputs, for discreet video source selection, including HDTV
- Independent composite and S-video connections
- Full-featured remote control with easy-to-use page-up and page-down presentation control
- Start Here Kit gets first time users projecting in just minutes

Renowned EPSON service and support
- International warranty in over 45 countries, offered exclusively by Epson
- 90-day bulb warranty for added dependability
- EPSON Road Service Program provides a replacement projector, typically within 24 hours
- EPSON PrivateLine℠ toll-free technical support, available from 6 a.m. to 6 p.m. PST Monday through Friday calls are typically answered within 45 seconds.

Q: Where

Where does the EPSON PowerLite 600p fit in Epson's product line?

A: The EPSON PowerLite 600p replaces Epson's previous SVGA portable projector, the EPSON PowerLite 5350. In addition to being brighter than the PowerLite 5350, there are a number of new features that will make this model extremely popular among resellers and end users. (See question below for details.)

There is another SVGA portable, the EPSON PowerLite 5600p, in our product line-up. These two products will coexist in the product line-up due to their different performance capabilities. The PowerLite 600p will not have accessory lenses available. So, if a presentation environment requires lenses, customers should be introduced to the PowerLite 5600p. Additionally, none of the new portables offers a BNC connection. This might be important to some installers.

Q: What

What is the target market for the PowerLite 600p?

A: The PowerLite 600p is ideal for educational settings, with a price/performance ratio that's perfect for institutions on a budget. This high-value projector also offers critical features most educators will appreciate, including the following:

- SVGA resolution – With 800 x 600 resolution, icons and other images projected on the screen are typically larger and easier to see. Additionally, SVGA products or accessories are usually less expensive.

- 1700 lumens – Due to its level of brightness, this product can be used for computer or video presentations, even in well-lit classrooms.

- Compact size (9.3 lb) – With a convenient carrying handle, the lightweight PowerLite 600p is easily transportable from classroom to classroom, or across the campus.

- Monitor out capability – This feature enables presenters to simultaneously view images on their monitor and on the screen. This allows teachers or professors to use their monitor as a prompt, while still maintaining eye contact with their students.

- 5 watt audio speaker – With this additional sound output, educators do not have to purchase expensive third-party audio systems. They can use this convenient, built-in speaker in small to medium-size classrooms for video presentations or computer presentations with embedded audio.

Q: What

What are the major physical differences among Epson portable projectors?

A: The EPSON PowerLite 810p, 800p and 600p are lighter than their predecessors by 4.5 lb. In fact, they are as light as our first ultraportable model, the EPSON PowerLite 5500c. All connections, including power, are located on the back panel. This makes installation and operation a little easier. In addition, the lamp cover is placed on top of the projector. This first-time feature is especially useful when a projector is mounted from the ceiling and requires a lamp change. Now, the change can be made without removing the projector.

Unlike the EPSON PowerLite 7700p, 7600p, and 5600p, this entire line is consistent in terms of inputs and outputs. As far as performance, the projectors in this line differ only in resolution and brightness.

The new physical design facilitates a whisper-quiet 38db noise level. This quiet operation makes the projectors less disruptive during meetings and enables audience members to concentrate on the presentation.

Q: What

What is the market outlook for products in this category?

A: Independent research indicates that the 6.6 to 11 lb category makes up between 45 and 50 percent of the current portable projector market. A separate piece of information indicates that the brightness category of 1500+ lumens currently accounts for 15 percent of the market. However, the overall brightness-to-weight ratio continues to improve. Therefore, we expect to see significant growth in this category. The new PowerLite 810p, 800p and 600p models will likely contribute to that growth.

Q: How

The EPSON PowerLite 600p, 800p, and 810p are the first in the world to offer horizontal keystone correction. How can resellers make the most of this feature?

Of course, we are still offering the best vertical keystone correction (30°) in the industry. We continue to lead the market in product feature development, and the addition of 10° horizontal keystone correction is a logical next step.

Now, installers have even more positioning flexibility. If the direct line of sight is obstructed in a ceiling mount installation, installers can now move the projector 10° left or right and still center the image on the screen. End users will also have some tabletop positioning flexibility.

At this time, Epson is the only company to offer such flexibility and we expect to be among the few for quite some time. Including this feature in our bid business could be extremely advantageous.

Q: What

What new features add to the projector's video performance?

A: New EPSON ColorReality technology improves the projector's color uniformity and reduces video noise. This feature is the result of a revolutionary chip, exclusive to Epson. Utilizing this technology, we are able to offer up to six menu-selectable modes, which presenters can choose from based on their own unique presentation material or environment.

Absolute color temperature, gamma and 3D-lookup tables are optimized for each mode. The modes are translated into six simple descriptions to allow for suitable mode selection without professional video knowledge.

The Six Modes

1. Normal (High Brightness) mode (default mode) – When brightness is a top priority
2. Meeting mode – Increases color saturation and contrast for presentations held in well-lit rooms
3. Presentation mode – A mid-range position between normal (high brightness) and sRGB modes; suitable for presenting in dark environments
4. Theater mode – Expands the gray scale linearization and prioritizes dark areas of projected images; includes optimized setting for viewing video in dark rooms
5. Amusement mode – Suitable for projecting television and video games in well-lit areas
6. sRGB mode – Reduced range of colors to be consistent with CRT monitors (For applications where color matching across different displays is required)

Microsoft is already using sRGB in its Windows XP operating system and is encouraging other imaging equipment manufacturers to use equivalent standards. NOTE: Projectors have the widest range of color space, ensuring real life colors. With sRGB, you use the lowest common denominator within the various devices to achieve a "consistent" color throughout.

Q: **What** new communication protocol has Epson incorporated in its new portable projectors for easier installation and programming?

A: Designed with installers in mind, Epson's new portable projectors offer a set of RS-232 codes, engineered for easy on-site programming. Each system is now ASCII-based, as opposed to our previous hex-based coding. More flexible than many competitive models, this intuitive system will reduce the amount of programming required for each command. For example, the number of characters used for each code is not fixed. Some competitors require the code to be a specified length, no matter what the entry. With the Epson system, each individual code can be short or long, based on the needs of the installer. The software is run from a Windows hyper terminal and requires no additional software.

Programmers will appreciate the responsiveness of this system, which enables the projector to respond in a period that's close to real time, once the code has been sent. Installers can save time, and also be confident the system was programmed accurately, as each command is acknowledged almost immediately.

Q: **What** else is new about our video operation?

A. The composite and S-video inputs are now independent connections. Therefore, the projector does not choose a default signal. This will make the projector easier to use with both sources.

Q: **What** other features will end users and resellers appreciate?

A. The PowerLite 600p has monitor out capability. After some intermittent availability, this feature is now consistent in the portable line. Especially useful for educators, trainers, or presenters who use their desktop monitor as a prompt, this function enables them to face the audience at all times.

Q: **What** other features have been added to the portable series?

• 1.35x optical zoom ratio –

This enables the projector to be placed closer to the screen due to a shorter throw distance. For tabletop applications, this makes it less intrusive.

In addition, with a 1.3x zoom ratio, you can view a 16:9 or 4:3 image by simply adjusting the Wide/Tele setting, and not moving the position of the projector.

• DVI-I connection –

Our previous models had a DVI-D connection, which supports only digital formats. Since it's taken longer than we anticipated for this format to catch on with many end users, we have changed this input to a DVI-I connection, which is compatible with both analog and digital signals. The signal type is automatically detected so users don't need to know whether they're providing a digital or analog signal. In fact, we've made it even easier. The Computer1 input on each of the new portables is the DVI-I connection. For added flexibility, a DVI-HD15 cable will soon be available as an optional accessory.

• User-friendly remote control and intuitive control panel –

The remote control and control panel have new diagrams and descriptions. In addition, the remote control offers a page-up, page-down feature that more closely emulates the same feature on a computer keyboard. This makes running a multi-slide presentation much easier.

• Link Lite software –

A simplified version of our previous Link software, this program enables users to control the projector from a computer. Available through the Epson website, this software will not be sold as an optional accessory or be included with the projector at the time of purchase. By downloading the program via the Epson website, we've eliminated the need for additional cables.

Screen Width Ratios

Screen Size	Wide (30 - 300 inch)			Tele (30 - 300 inch)			Angle to Screen Center	
inches	meters	inches	feet	meters	inches	feet	wide	telephoto
30	0.9	35.4	3.0	1.1	43.3	3.6	14.73	11.99
40	1.2	47.2	3.9	1.6	63.0	5.2	14.73	10.98
60	1.8	70.9	5.9	2.4	94.5	7.9	14.70	10.98
80	2.5	98.4	8.2	3.2	126.0	10.5	14.11	10.98
100	3.1	122.0	10.2	4.1	161.4	13.5	14.23	10.71
200	6.1	240.2	20.0	8.3	326.8	27.2	14.46	10.58
300	9.2	362.2	30.2	12.4	488.2	40.7	14.38	10.62

Installation Geometry

Top view with control panel
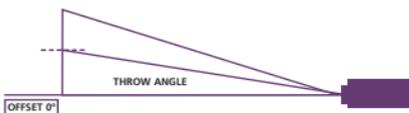
Lens offset dimensions for the EPSON PowerLite 600p:

A. Center of lens to base of projector is 2.54"

B. Center of lens to center of projector is 3.13"

Throw angles for the EPSON PowerLite 600p:

A. Tele: 10.58 degrees to 11.99 degrees

B. Wide: 14.11 degrees to 14.73 degrees

THROW ANGLE

OFFSET 0°

Remote control

Image and screen size calculations for the EPSON PowerLite 600p:

A. To find the projection distance when you know the screen's diagonal dimension:
Wide (inches) = (Diagonal Screen Size [inches] -1.7859)/0.03252/1000/0.0254
Tele (inches) = (Diagonal Screen Size [inches] -1.2751)/0.02394/1000/0.0254

B. To find how large a screen's diagonal dimension will be when you know the projection distance:
Wide (inches) = (Projection Distance [inches] x 0.826) + 1.7859
Tele (inches) = (Projection Distance [inches] x 0.6081) + 1.2751

component video

DVI

high performance, low profile

full-featured ir remote control

lens shift/optional lenses/zoom lens

stylish metallic silver finish

Back View

hard-wired remote option

monitor out

Front View

Ordering Information

Description	Product Code	UPC Code
EPSON PowerLite 600p projector	V11H045020	0-10343-83838-3

Optional Accessories

Description	Product Code	UPC Code
Replacement lamp	V13H010L15	0-10343-83843-7
Soft shoulder bag	ELPKS13	0-10343-82052-4
ATA shipping case	ELPKS41	0-10343-83957-1
ATA molded hardshell case	ELPKS40	0-10343-83956-4
Samsonite wheeled soft case	ELPKS35	0-10343-83496-5
DVI cable, DVI to DVI, 3 meter	ELPKC20	0-10343-83338-8
DVI cable, DVI to DFP, 3 meter	ELPKC21	0-10343-83339-5
DVI analog cable	V12H005C25	0-10343-83954-0
Component video cable	ELPKC19	0-10343-83419-4
Ceiling mount	ELPMB36	0-10343-83955-7
Mac adapter set	ELPAP01	0-10343-83497-2
Remote control receiver	ELPST02	0-10343-82198-9
Remote control receiver kit	ELPST04	0-10343-83341-8
50" portable screen	ELPSC06	0-10343-82060-9
60" insta-theatre screen	ELPSC07	0-10343-83498-9
80" insta-theatre screen	ELPSC08	0-10343-83499-6
Wireless microphone system	ELPCVSII	0-10343-83998-4
Presentation audio system	ELPPAS1	0-10343-82061-6
Kensington® security lock	ELPSL01	0-10343-83420-0
High resolution document imager	ELPDC02	0-10343-83370-8
Motion presentation camera	ELPDC03	0-10343-83371-5

EPSON PowerLite 600p
- 1700 ANSI lumens
- SVGA resolution
- 9.3 lb

EPSON

THE WORLD LEADER IN
HIGH PERFORMANCE PROJECTORS

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