



## Gerber SOLARA UV2

What is the footprint size of the SOLARA UV2 with the front and rear tables installed?.....	2
What are the power requirements of the SOLARA UV2? .....	2
What is the computer connectivity for the SOLARA UV2? .....	2
Can the SOLARA UV2 be run on a network?.....	2
What software (or RIPs) drive the SOLARA UV2?.....	2
Does the SOLARA UV2 require ventilation? .....	2
How many printheads doe the SOLARA UV2 have? .....	2
What are the colors used in the SOLARA UV2? .....	2
Why are the benefits of violet and green? .....	2
What is the largest width material the SOLARA UV2 will accept?.....	3
What is the smallest width material the SOLARA UV2 will accept? .....	3
What is the thickest material the SOLARA UV2 will accept?.....	3
What is the maximum actual print width of the SOLARA UV2? .....	3
What are the various print speeds on the SOLARA UV2?.....	3
What is the native resolution of the SOLARA UV2.....	3
What is the apparent resolution of the SOLARA UV2.....	3
What maintenance is required on the SOLARA UV2 .....	3
What is the warranty on the printer, print heads and UV lamps.....	3
How many hours are the UV lamps rated for? .....	3
Are the UV lamps user-replaceable? .....	3
What size ink cartridges are used in the SOLARA UV2? .....	4
What happens if I run out of ink while I'm printing?.....	4
What is included with the SOLARA UV2 purchase price?.....	4
Are additional Service Plans available for the SOLARA UV2? .....	4
What types of rigid materials can I print on with the SOLARA UV2?.....	4
What materials should not be run in the SOLARA UV2?.....	4
What types of roll materials can I print on with the SOLARA UV2?.....	4
Can the SOLARA UV2 print full bleed (edge to edge) on rigid materials?.....	4
Can the SOLARA UV2 print double sided?.....	4
When printing a rigid substrate, how close can I get to the edge of all 4 sides? .....	5
What inks are used in the SOLARA UV2? .....	5
What printheads are used in the SOLARA UV2? .....	5
What is the outdoor life expectancy of prints from the SOLARA UV2?.....	5
What is the size of the ink droplet printed by the SOLARA UV2?.....	5
What is the shelf-life of the SOLARA UV2 inks? .....	5
What is the estimated ink cost per square foot on a printed image?.....	5
Are the printheads user-replaceable? .....	5
Are the lamps user-replaceable? .....	5
Do UV printers produce ozone? .....	5

How soon after printing is the SOLARA UV2 output dry and do I have to wait to install? ..... 6  
Are there any applications the SOLARA UV2 is not recommended for? ..... 6  
What types of files can I print from ONYX? ..... 6  
Can I use OMEGA with the Solara? ..... 6

**Q: *What is the footprint size of the SOLARA UV2 with the front and rear tables installed?***

A: 181" x 109"

**Q: *What are the power requirements of the SOLARA UV2?***

A: 220 VAC +/- 10%, 50/60 Hz, 20 Amps (also known as 220 single phase)

**Q: *What is the computer connectivity for the SOLARA UV2?***

A: Ethernet TCP/IP

**Q: *Can the SOLARA UV2 be run on a network?***

A: Yes

**Q: *What software (or RIPs) drive the SOLARA UV2?***

A: Currently it is Gerber ImageRIP by ONYX (soon to be ONYX Production House Gerber edition, and ONYX PosterShop Gerber edition), but it can also be run with Mistral and FlexiSign. Others are soon to be in development as well.

**Q: *Does the SOLARA UV2 require ventilation?***

A: No special ventilation is required, the inks have no VOC's (volatile organic compounds) and almost no odor.

**Q: *How many printheads does the SOLARA UV2 have?***

A: Six

**Q: *What are the colors used in the SOLARA UV2?***

A: CMYKVG (violet and green)

**Q: *Why are the benefits of violet and green?***

A: The addition of violet and green (as well as the custom-formulated CMYK inkset) give the SOLARA UV2 an unsurpassed color gamut

**Q: What is the largest width material the SOLARA UV2 will accept?**

A: 60” wide material either rigid or roll-to-roll

**Q: What is the smallest width material the SOLARA UV2 will accept?**

A: 18” wide material either rigid or roll-to-roll

**Q: What is the thickest material the SOLARA UV2 will accept?**

A: 1/2” thick

**Q: What is the maximum actual print width of the SOLARA UV2?**

A: 59.5” if you are printing on a roll material, 60” if you are printing on a rigid substrate

**Q: What are the various print speeds on the SOLARA UV2?**

A: The fastest print mode is 2 pass and runs at 75 square feet/hour, 3 pass print mode runs at 50 square feet/hour, and 6 pass runs at 25 square feet/hour (all modes use the same amount of ink)

**Q: What is the native resolution of the SOLARA UV2**

A: 300 x 360 dpi

**Q: What is the apparent resolution of the SOLARA UV2**

A: 600 dpi

**Q: What maintenance is required on the SOLARA UV2**

A: Every four hours of print time the SOLARA UV2 will prompt the user to do a quick ink prime and wipe the heads. The entire process takes about a minute.

**Q: What is the warranty on the printer, print heads and UV lamps**

A: The SOLARA UV2 printer comes with a 1-year warranty, the print heads come with a 12 month warranty, and the UV lamps come with a 90-day warranty (print heads and UV lamp warranties cover defects in manufacturing and workmanship)

**Q: How many hours are the UV lamps rated for?**

A: 1,700 hours

**Q: Are the UV lamps user-replaceable?**

A: Yes, the lamps are quickly and easily removed and replaced with a 4 mm allen wrench

**Q: *What size ink cartridges are used in the SOLARA UV2?***

A: 230 ml

**Q: *What happens if I run out of ink while I'm printing?***

A: The SOLARA UV2 will pause and alert the operator via the LCD that it is low on a specific ink color. It will then wait for that cartridge to be installed upon which it will refill and continue to print

**Q: *What is included with the SOLARA UV2 purchase price?***

A: The SOLARA UV2 printer, ONYX RIP, front and rear tables, roll media take up winder, power conditioner/uninterruptible power supply, on-site installation, two full sets of ink cartridges, a full 1-year warranty, and training

**Q: *Are additional Service Plans available for the SOLARA UV2?***

A: Yes, yearly Service Plans are available—the Guardian Plan is \$5,695 which essentially gives you on-site service for your warranty and the following year

**Q: *What types of rigid materials can I print on with the SOLARA UV2?***

A: Aluminum, corrugated plastic, MDO, wood, polycarbonate, polystyrene, foam board, aluminum composites (e.g. Dibond, alupalite), PVC (e.g. Sintra), acrylic, and many more

**Q: *What materials should not be run in the SOLARA UV2?***

A: Mirrors (although glass and metalized vinyls are fine) and we cannot achieve acceptable adhesion on PETG

**Q: *What types of roll materials can I print on with the SOLARA UV2?***

A: Vinyl products of all types, banner, mesh, thin polycarbonate (e.g. Lexan), canvas, tyvek, cloth (cloth products must be rigid enough to be pushed)

**Q: *Can the SOLARA UV2 print full bleed (edge to edge) on rigid materials?***

A: The SOLARA UV2 is designed so the user cannot accidentally print on the platen and therefore designates a small unprintable border on all media, but by simply incorporating a user-created jig around your substrate, the SOLARA UV2 will print full-bleed.

**Q: *Can the SOLARA UV2 print double sided?***

A: Yes

**Q: *When printing a rigid substrate, how close can I get to the edge of all 4 sides?***

A: As of firmware revision “D” which was recently released, you can now print full bleed. If you are not in full bleed mode however, your margins will be: Front edge—1/4”, left and right side—1/4”, rear—4 1/2”

**Q: *What inks are used in the SOLARA UV2?***

A: The inks used in the SOLARA UV2 are custom-formulated for Gerber

**Q: *What printheads are used in the SOLARA UV2?***

A: The SOLARA UV2 utilizes XAAR XJ126 printheads

**Q: *What is the outdoor life expectancy of prints from the SOLARA UV2?***

A: Up to 3-years outdoor durability on materials that have achieved gold status from Gerber

**Q: *What is the size of the ink droplet printed by the SOLARA UV2?***

A: 40 Picoliters

**Q: *What is the shelf-life of the SOLARA UV2 inks?***

A: 12 months on cyan, magenta, yellow, and black, 9 months on violet and green (green is soon to be 12 months)

**Q: *What is the estimated ink cost per square foot on a printed image?***

A: It’s very image dependent, but we estimate the cost to be between 30 and 50 cents per square foot.

**Q: *Are the printheads user-replaceable?***

A: No

**Q: *Are the lamps user-replaceable?***

A: Yes

**Q: *Do UV printers produce ozone?***

A: The heat of the UV lamps has the ability to generate small amounts of ozone, mostly during lamp warm up, through normal air movement the ozone naturally converts back to oxygen

**Q: *How soon after printing is the SOLARA UV2 output dry and do I have to wait to install?***

A: SOLARA UV2 output is dry and ready for installation immediately upon completion of printing

**Q: *Are there any applications the SOLARA UV2 is not recommended for?***

A: Applications with complex curves are not recommended for SOLARA UV2 output as this time. A good example of this is vehicle graphics with rivets and corrugation panels.

**Q: *What types of files can I print from ONYX?***

A: EPS, PDF, Gif, Tiff, Jpg, etc.

**Q: *Can I use OMEGA with the Solara?***

A: Yes, simply save your layout as one of the above listed file types