



AMETEK PROGRAMMABLE POWER

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AMETEK Programmable Power EOL Notification

End-of-Life (EOL) Notification Date: September 30, 2022

Dear Customer,

Effective immediately, AMETEK Programmable Power is announcing the end of manufacture and End of Life (EOL) of the following Low Power DC (LPDC) programmable power products:

1. **XG 1500W/1700W Series Programmable DC Power Supply – Complete EOL**
 2. **XFR 2.8kW Series Programmable DC Power Supply – Complete EOL**
 3. **DCS 3kW Series Programmable DC Power Supply – Complete EOL**
 4. **DLM 3kW/4kW Series Programmable DC Power Supply – Partial EOL**
 - a. The DLM 3kW models DLM5-350E, DLM8-350E, and DLM16-185E will remain active.
 - b. The DLM 4kW models DLM5-450E, DLM8-450E, DLM16-250E, and DLM22-180E will remain active.
- **Table 1** describes the end-of-life milestones, definitions, and dates.
 - **Table 2** lists the product ordering part numbers (OPN) affected by this notification and the suggested replacement OPN.
 - **Table 3** lists the DLM 3kW and DLM 4kW Series OPNs that will remain active.
 - **Table 4** lists the firmware and software compatibility versions of the replacement products.

Reason for Termination:

- These legacy products are being obsoleted as part of AMETEK Programmable Power's product consolidation program.

Replacement Products:

- Please refer to Table 2 to identify the models affected by this notification and their recommended replacement products. Refer to Table 3 for the DLM 3kW and 4kW products that will remain available.

New Products:

For most models, the Asterion DC Programmable Power Supplies are the recommended replacement products.

For more information, please contact your local account representative.

Regards,

AMETEK Programmable Power, Inc
www.programmablepower.com



Table 1: End of Life Milestones

Milestone	Definition	Date
End-of-Life (EOL) Notification Date	The date the document that announces the last time buy and end-of-life of a product distributed to the public.	September 30, 2022
Last Time Buy (LTB)* Date	The last date to order the product through an AMETEK point-of-sale mechanism. The product is no longer for sale after this date.	September 30, 2023
Last Ship Date	The last possible ship date that request of AMETEK and/or its distributors. Actual ship date is dependent on lead time.	December 29, 2023
End of Service (EoS)** Contract Renewal Date	The last date to extend or renew a service contract for the product.	September 30, 2028

*Manufacture Discontinue and Last Time Buy Definition - As part of AMETEK's EOL notification program, this notice serves as a formal communication of AMETEK's intent to perform a Manufacture Discontinue (MD) of the products listed above and propose a Last Time Buy (LTB) date for each product. For the time between LTB, MD and EOL, emergency recovery and/or upgrades may be performed in accordance with customer-specific service plans or upgrade agreements, as negotiated prior to LTB.

**End of Service Definition – This notice serves as formal communication of AMETEK's intent to end the life of the products noted. No further support will be provided once the End-of-Service (EOS) timeline is reached, except for those customers with valid warranty or contract extensions. AMETEK will maintain spares and support capability throughout the life of all contracts currently in place. As of the EOL date, any new support contracts will only be issued through the EOS date. Emergency recovery and/or upgrades may be performed in accordance with customer specific service plans or upgrade agreements as negotiated prior to EOL.



Table 2: EOL Product OPNs and Replacement Product OPNs

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Current Part Numbers (does not include options)	Replacement Part Numbers (does not include options)	Description
<p><u>XG 1500W/1700W Series</u></p> <ul style="list-style-type: none"> • XG6-220 • XG8-187.5 • XG8-200 • XG12.5-120 • XG12-140 • XG20-76 • XG20-84 • XG30-50 • XG33-50 • XG40-38 • XG40-42 • XG60-25 • XG60-28 • XG80-19 • XG80-21 • XG100-15 • XG100-17 • XG150-10 • XG150-11.2 • XG300-5 • XG300-5.6 • XG600-2.6 • XG600-2.8 	<p><u>AST DC Series</u></p> <ul style="list-style-type: none"> • None • None • None • None • None • None • AST40-85 • AST40-85 • AST40-85 • AST40-85 • AST40-42 • AST40-42 • AST60-28 • AST60-28 • AST80-22 • AST80-22 • AST100-17 • AST100-17 • AST150-12 • AST150-12 • AST300-6 • AST300-6 • AST600-2.8 • AST600-2.8 	<p><u>AST DC Series</u></p> <ul style="list-style-type: none"> • No Direct Replacement • No Direct Replacement • No Direct Replacement • No Direct Replacement • No Direct Replacement • 3.4kW, 0-40V, 0-85A • 3.4kW, 0-40V, 0-85A • 3.4kW, 0-40V, 0-85A • 3.4kW, 0-40V, 0-85A • 1.7kW, 0-40V, 0-42A • 1.7kW, 0-40V, 0-42A • 1.7kW, 0-60V, 0-28A • 1.7kW, 0-60V, 0-28A • 1.7kW, 0-80V, 0-22A • 1.7kW, 0-80V, 0-22A • 1.7kW, 0-100V, 0-17A • 1.7kW, 0-100V, 0-17A • 1.7kW, 0-150V, 0-12A • 1.7kW, 0-150V, 0-12A • 1.7kW, 0-300V, 0-6A • 1.7kW, 0-300V, 0-6A • 1.7kW, 0-600V, 0-2.8A • 1.7kW, 0-600V, 0-2.8A
<p><u>XFR 2.8kW Series</u></p> <ul style="list-style-type: none"> • XFR7.5-300 • XFR12-220 • XFR20-130 <p>-----</p> <ul style="list-style-type: none"> • XFR33-85 • XFR40-70 • XFR60-46 • XFR100-28 • XFR150-18 • XFR300-9 • XFR600-4 	<p><u>DLM 3k/4k Series</u></p> <ul style="list-style-type: none"> • DLM8-350E • DLM16-250E • DLM22-180E <p><u>AST DC Series</u></p> <ul style="list-style-type: none"> • AST40-85 • AST40-85 • AST60-56 • AST100-34 • AST150-23 • AST300-11 • AST600-5.6 	<p><u>DLM 3k/4k Series</u></p> <ul style="list-style-type: none"> • 2.8kW, 0-8V, 0-350A • 4kW, 0-16V, 0-250A • 4kW, 0-22V, 0-180A <p><u>AST DC Series</u></p> <ul style="list-style-type: none"> • 3.4kW, 0-40V, 0-85A • 3.4kW, 0-40V, 0-85A • 3.4kW, 0-60V, 0-56A • 3.4kW, 0-100V, 0-34A • 3.4kW, 0-150V, 0-23A • 3.4kW, 0-300V, 0-11A • 3.4kW, 0-600V, 0-5.6A



Table 2: EOL Product OPNs and Replacement Product OPNs		
Current Part Numbers (does not include options)	Replacement Part Numbers (does not include options)	Description
<p><u>DCS 3kW Series</u></p> <ul style="list-style-type: none"> • DCS8-350E • DCS12-250E • DCS20-150E <p>-----</p> <ul style="list-style-type: none"> • DCS40-75E • DCS55-55E • DCS60-50E • DCS80-37E • DCS150-20E 	<p><u>DLM 3k/4k Series</u></p> <ul style="list-style-type: none"> • DLM8-350E • DLM16-250E • DLM22-180E <p><u>AST DC Series</u></p> <ul style="list-style-type: none"> • AST40-85 • AST60-56 • AST60-56 • AST80-43 • AST150-23 	<p><u>DLM 3k/4k Series</u></p> <ul style="list-style-type: none"> • 2.8kW, 0-8V, 0-350A • 4kW, 0-16V, 0-250A • 4kW, 0-22V, 0-180A <p><u>AST DC Series</u></p> <ul style="list-style-type: none"> • 3.4kW, 0-40V, 0-85A • 3.4kW, 0-60V, 0-56A • 3.4kW, 0-60V, 0-56A • 3.4kW, 0-80V, 0-43A • 3.4kW, 0-150V, 0-23A
<p><u>DLM 3kW Series</u></p> <ul style="list-style-type: none"> • DLM32-95E • DLM40-75E • DLM60-50E • DLM80-37E • DLM150-20E • DLM300-10E • DLM600-5E 	<p><u>AST DC Series</u></p> <ul style="list-style-type: none"> • AST40-85 • AST40-85 • AST60-56 • AST80-43 • AST150-23 • AST300-11 • AST600-5.6 	<p><u>AST DC Series</u></p> <ul style="list-style-type: none"> • 3.4kW, 0-40V, 0-85A • 3.4kW, 0-40V, 0-85A • 3.4kW, 0-60V, 0-56A • 3.4kW, 0-80V, 0-43A • 3.4kW, 0-150V, 0-23A • 3.4kW, 0-300V, 0-11A • 3.4kW, 0-600V, 0-5.6A
<p><u>DLM 4kW Series</u></p> <ul style="list-style-type: none"> • DLM32-125E • DLM40-100E • DLM60-66E • DLM80-50E • DLM150-26E • DLM300-13E • DLM600-6.6E 	<p><u>AST DC Series</u></p> <ul style="list-style-type: none"> • AST40-125 • AST40-125 • AST60-83 • AST80-63 • AST150-34 • AST300-17 • AST600-8.3 	<p><u>AST DC Series</u></p> <ul style="list-style-type: none"> • 5kW, 40VDC, 125A • 5kW, 40VDC, 125A • 5kW, 60VDC, 83A • 5kW, 80VDC, 63A • 5kW, 150VDC, 34A • 5kW, 300VDC, 17A • 5kW, 600VDC, 8.3A



Table 3: DLM 3kW and DLM 4kW Series OPNs That Remain Active

These OPNs are not scheduled for obsolescence or End of Life and will remain active to support the low voltage (5VDC to 22VDC) range.

Table 3: DLM 3kW and DLM 4kW Series OPNs That Remain Active	
Current Part Numbers (does not include options)	Description
<u>DLM 3kW Series</u> <ul style="list-style-type: none">• DLM5-350E• DLM8-350E• DLM16-185E	<u>DLM 3kW Series</u> <ul style="list-style-type: none">• 1750W, 5VDC, 350A• 2800W, 8VDC, 350A• 2960W, 16VDC, 185A
<u>DLM 4kW Series</u> <ul style="list-style-type: none">• DLM5-450E• DLM8-450E• DLM16-250E• DLM22-180E	<u>DLM 4kW Series</u> <ul style="list-style-type: none">• 2250W, 5VDC, 450A• 3600W, 8VDC, 450A• 4000W, 16VDC, 250A• 3960W, 22VDC, 180A



Table 4: Firmware & Software Compatibility of Replacement Products

Product	Supported Versions
<u>XFR 2.8kW Series</u> Software <ul style="list-style-type: none">• XFR Ethernet IP discovery tool• XFR Series M9B GUI Drivers <ul style="list-style-type: none">• XFR LabWindows/CVI 5.0 VISA driver• XFR LabWindows/CVI 6.0 IVI driver• XFR GPIB-M LabVIEW 5.1 VISA driver• XFR LabVIEW 5.1 VISA driver	<u>AST DC Series</u> Software <ul style="list-style-type: none">• EnetTest• Not Applicable• DC Virtual Panels V1.0.10 for Microsoft Windows 7/8/10• ASTDC Firmware Loader V1.5.1 for Microsoft Windows 7/8/10• Asterion DC Master Firmware V5.03 (Use AST-DC firmware updater V1.5.1) Note: Only use if the unit existing display firmware Version is V5.00 and above• LXI Discovery Browser Drivers <ul style="list-style-type: none">• IVI-COM w/IVI-C wrapper (ethernet or RS-232 or GPIB) V2.1.9 32-bit• IVI-COM w/IVI-C wrapper (ethernet or RS-232 or GPIB) V2.1.9 64-bit• Included• Included



Table 4: Firmware & Software Compatibility of Replacement Products

Product	Supported Versions
<p><u>DCS 3kW Series</u> Software</p> <ul style="list-style-type: none"> • DC Virtual Panels V1.0.10 for Microsoft Windows 7/8/10 • DLM_DCS Master Firmware V2.42 NOTE: Use with DLM_DCS M130 Ethernet Flash Upgrade Utility V1.0 • DCS GPIB Flash Updater V1.0 for Microsoft Windows 7/8/10 (32-bit, 64-bit) • DLM_DCS M130 Ethernet Flash Upgrade Utility V1.0 for Microsoft Windows 7/8/10 (32-bit, 64-bit) • M130 GUI ³ 3kw • M9 GUI ³ 3kw • LXI Discovery Browser <p>Drivers</p> <ul style="list-style-type: none"> • IVI-COM w/IVI-C wrapper (ethernet or RS-232 or GPIB) V2.1.9 32-bit • IVI-COM w/IVI-C wrapper (ethernet or RS-232 or GPIB) V2.1.9 64-bit • LabVIEW 2009 V1.0.0.1 1.2kw • LabVIEW 2009 V1.0.0.1 1kw • LabVIEW 2009 V1.0.0.1 3kw • Sorensen Labview Driver V1.0 - Labview 2012 for Microsoft Windows 7/8/10 (32-bit) • Sorensen Labview Driver V1.0 - Labview 2012 for Microsoft Windows 7/8/10 (64-bit) • Sorensen Labview Driver V1.0 - Labview 2013 for Microsoft Windows 7/8/10 (32-bit) • Sorensen Labview Driver V1.0 - Labview 2013 for Microsoft Windows 7/8/10 (64-bit) 	<p><u>AST DC Series</u> Software</p> <ul style="list-style-type: none"> • DC Virtual Panels V1.0.10 for Microsoft Windows 7/8/10 • Asterion DC Master Firmware V5.03 (Use AST-DC firmware updater V1.5.1) Note: Only use if the unit existing display firmware Version is V5.00 and above • ASTDC Firmware Loader V1.5.1 for Microsoft Windows 7/8/10 • Included • Included • Included • Included • LXI Discovery Browser • EnetTest <p>Drivers</p> <ul style="list-style-type: none"> • IVI-COM w/IVI-C wrapper (ethernet or RS-232 or GPIB) V2.1.9 32-bit • IVI-COM w/IVI-C wrapper (ethernet or RS-232 or GPIB) V2.1.9 64-bit • Not Applicable • Not Applicable • Not Applicable • Included • Included • Included • Included



Table 4: Firmware & Software Compatibility of Replacement Products

Product	Supported Versions
<p><u>DLM 3kW & 4kW Series</u> Software</p> <ul style="list-style-type: none"> • DC Virtual Panels V1.0.10 for Microsoft Windows 7/8/10 • DLM M9 GUI 3KW • DLM M9 GUI 4kw <p>Drivers</p> <ul style="list-style-type: none"> • IVI-COM w/IVI-C wrapper (ethernet or RS-232 or GPIB) V2.1.9 32-bit • IVI-COM w/IVI-C wrapper (ethernet or RS-232 or GPIB) V2.1.9 64-bit • LabVIEW V8.X 3kw • LabVIEW V8.X 4kw • Sorensen Labview Driver V1.0 - Labview 2012 for Microsoft Windows 7/8/10 (32-bit) • Sorensen Labview Driver V1.0 - Labview 2012 for Microsoft Windows 7/8/10 (64-bit) • Sorensen Labview Driver V1.0 - Labview 2013 for Microsoft Windows 7/8/10 (32-bit) • Sorensen Labview Driver V1.0 - Labview 2013 for Microsoft Windows 7/8/10 (64-bit) 	<p><u>AST DC Series</u> Software</p> <ul style="list-style-type: none"> • DC Virtual Panels V1.0.10 for Microsoft Windows 7/8/10 • Asterion DC Master Firmware V5.03 (Use AST-DC firmware updater V1.5.1) Note: Only use if the unit existing display firmware Version is V5.00 and above • ASTDC Firmware Loader V1.5.1 for Microsoft Windows 7/8/10 • Included • Included • LXI Discovery Browser • EnetTest <p>Drivers</p> <ul style="list-style-type: none"> • IVI-COM w/IVI-C wrapper (ethernet or RS-232 or GPIB) V2.1.9 32-bit • IVI-COM w/IVI-C wrapper (ethernet or RS-232 or GPIB) V2.1.9 64-bit • Not Applicable • Not Applicable • Included • Included • Included • Included