



# LV8 – High Performance Modular Drive for Industrial Applications

Designed for variable speed and a wide power range.

## LV8 - High Performance Application

Power Conversions' LV8 is the drive choice for a wide range of industrial applications. It can significantly cut energy costs and lowers grid disturbances with a reduced environmental impact. With its active front end (AFE) variant and regenerative capability, the LV8 drives are designed for variable speed and a power range from 250 kVA up to 4 MVA. GE offers the LV8 low-voltage converter in an air-cooled or water-cooled version. The water-cooled variant features a more compact design that requires no additional costs or equipment for room air conditioning.

## Diversity to meet customer requirements

For more than 20 years GE's Power Conversion Business is delivering equipment being used for testing automobiles and automobile components. The newly modified LV8 drive has been widely used for test bench applications. The successful testing of future technologies in E-drives with LV8 test bench systems provides comprehensive, reliable and relevant measuring results for alternative drives.

Grinding mill operations require high currents during starting and running, when driven by wound rotor induction motors, resulting in high operational costs. Therefore, our Slip Energy Recovery (SER) – based on LV8 drive – improves energy efficiency and lowers operating costs in grinding mill operations.

## High performance & flexibility

- Modular design
- Adaptable to the most varied special requirements
- High efficiency
- Advanced control structures for line converter, induction motors and permanent magnet synchronous motors

Thanks to its modular design, the LV8 can be very easily adjusted to customer demands such as specific power ratings and dimensions. It is designed for input voltages from 400 V to 690 V and handles dynamically adaptable pulse frequencies of up to 12kHz. These characteristics allow the converter to supply an almost sinusoidal motor voltage. When paired with a suitable filter, the LV8 converter also is well-suited for drive-revamping applications because it permits the continued use of existing machines not designed for converter operation. Thanks to its high output frequencies, the LV8 also is the option of EtherCAT choice for dynamic high-speed applications.





# LV8 – High Performance Modular Drive for Industrial Applications

Designed for variable speed and a wide power range.

## Ease of servicing & high availability

- IGBT technology that can withstand alternating loads
- Long-life foil capacitors
- Ease of servicing

The separate implementation of the capacitor, power and fan modules means that every part can be replaced simply and quickly. Because of their low weight and compact design, the components can be handled by a single person.

The LV8 uses high-quality and particularly long-life components, such as IGBT modules with a high alternating load withstand capability and more than 75 percent less wear than standard solutions. This makes the converter attractive for applications that need maximum availability and high performance

## Customized options

The LV8 can be fitted with additional options to meet special requirements:

- Suitable for 50 Hz and 60 Hz
- AC voltage range 400V - 690V

- Forced air cooled or liquid cooled design
- Pulse frequencies up to 12 kHz
- Protection classes IP23 to IP54
- Safety functions SS1 and STO with PL e
- Options for EMC C2 & EMC ILA
- Braking chopper

## Minimizing risk, maximizing productivity

Power Conversion services include all support for utilities and farm operators to protect assets, keep critical processes running, minimize risk and maximize productivity.

We deliver original equipment spares around the world as well as repair, refurbish and upgrade customer systems with the latest technology. We offer risk protection through performance-based contracts based on our system experience and sophisticated application calculations. Through advanced digital platforms, we deliver expert onsite and remote emergency 24/7 support, interventions and planned maintenance customized to meet unique customer requirements.





# LV8 System Data

| Parameter                                      | Value   |
|--|---|
| Mains supply voltage                           | 3 AC 380 – 440 V $\pm$ 10%<br>3 AC 480 V $\pm$ 10%<br>3 AC 690 V $\pm$ 10%                |
| Mains frequency                                | 50/60 Hz $\pm$ 2%   |
| Max. short-circuit current of the mains supply | 40 kA (50kA on request)   |
| Power factor                                   | cos $\varphi$ = 1 or adjustable<br>(depending on the power reserves)                      |
| Auxiliary voltage                              | 400 / 230 VAC   |
| Output frequency induction motors              | 0 – 300 Hz (up to 600 Hz on request)  |
| Output frequency PM synchronous motors         | 0 – 1500 Hz   |
| Efficiency at rated power                      | > 95%   |
| Pulse frequency                                | 2,5 – 12 kHz  |
| Frequency accuracy                             | 0,01%   |
| Speed accuracy                                 | 0,05% (in steady state, with encoder)   |
| Torque accuracy                                | 2-3% (for torque control)   |
| Active current rise time                       | $\leq$ 2 ms (within the nominal range)  |
| Environmental temperature                      | During operation: +5 ... +40°C<br>(55°C optional with Derating)<br>Storage: -20 ... +65°C |
| Environmental class                            | EN 60721-3-3: 3K3 / 3M2 / 3C2 / 2K2,<br>but no occurrence of salt fog                     |
| Insulation coordination                        | Degree of contamination 2 according to<br>DIN EN 60664-1 and UL840                        |
| Installation altitude                          | $\leq$ 1000 m above sea level   |
| Installation side                              | Indoor Installation   |
| Cubicles                                       | Fa. Rittal, Type VX25, with double-bit key and rod lock                                   |
| Air humidity                                   | 5 – 85%<br>(Condensate in the Converter room must be avoided)                             |
| Noise level                                    | $\leq$ 75 dB (A) measured at 1m distance  |
| Degree of protection                           | IP23  |
| Cooling  | Air-cooled, partially water-cooled  |
| Color  | RAL 7035  |
| Dimensions and weights                         | Project specific  |
| Approvals                                      | CE, UL (Planned)  |



# LV8 Type Data

Deviating pulse frequencies and other variations available on request

## Line converter, air-cooled at ambient temperature 40°C at 2.5 kHz

| Type Designation         | Line Voltage | Motor Voltage | Rated Power | Rated Current         | Max. Current          | Rated Current       | Max. Current | Rated Current | Max. Current | DC-Link Voltage |
|--------------------------|--------------|---------------|-------------|-----------------------|-----------------------|---------------------|--------------|---------------|--------------|-----------------|
|                          |              |               |             | Load Cycle 60s / 600s | Load Cycle 30s / 180s | Load Cycle 3s / 15s |              |               |              |                 |
|                          | [V]          | [V]           | [kVA]       | [A]                   | [A]                   | [A]                 | [A]          | [A]           | [A]          | [VDC]           |
| LV8404A-AFE              | 400          | 400 – 440     | 381         | 550                   | 660                   | 510                 | 694          | 480           | 750          | 720             |
| LV8405AX-AFE             | 400          | 400 – 440     | 416         | 600                   | 720                   | 565                 | 760          | 555           | 870          | 720             |
| LV8407A-AFE              | 400          | 400 – 440     | 637         | 920                   | 1104                  | 920                 | 1250         | 900           | 1404         | 720             |
| LV8504A-AFE              | 400          | 460 – 500     | 367         | 530                   | 636                   | 490                 | 666          | 470           | 737          | 790             |
| LV8504AX-AFE             | 400          | 460 – 500     | 388         | 560                   | 670                   | 525                 | 715          | 515           | 800          | 790             |
| LV8506A-AFE              | 400          | 460 – 500     | 589         | 850                   | 1020                  | 820                 | 1115         | 800           | 1248         | 790             |
| LV8604A-AFE              | 690          | 690           | 388         | 325                   | 390                   | 275                 | 370          | 265           | 410          | 1070            |
| LV8610A-AFE              | 690          | 690           | 910         | 762                   | 914                   | 680                 | 925          | 655           | 1028         | 1070            |
| 2 converters in parallel |              |               |             |                       |                       |                     |              |               |              |                 |
| LV8408A-AFE (2p)         | 400          | 400 – 440     | 762         | 1100                  | 1320                  | 1020                | 1388         | 960           | 1500         | 720             |
| LV8409AX-AFE (2p)        | 400          | 400 – 440     | 831         | 1200                  | 1440                  | 1130                | 1520         | 1110          | 1740         | 720             |
| LV8413A-AFE (2p)         | 400          | 400 – 440     | 1274        | 1840                  | 2208                  | 1840                | 2500         | 1800          | 2808         | 720             |
| LV8508A-AFE (2p)         | 400          | 460 – 500     | 734         | 1060                  | 1272                  | 980                 | 1332         | 940           | 1474         | 790             |
| LV8508AX-AFE (2p)        | 400          | 460 – 500     | 776         | 1120                  | 1340                  | 1050                | 1430         | 1030          | 1600         | 790             |
| LV8512A-AFE (2p)         | 400          | 460 – 500     | 1177        | 1700                  | 2040                  | 1640                | 2230         | 1600          | 2496         | 790             |
| LV8608A-AFE (2p)         | 690          | 690           | 776         | 650                   | 780                   | 550                 | 740          | 530           | 820          | 1070            |
| LV8619A-AFE (2p)         | 690          | 690           | 1820        | 1524                  | 1828                  | 1360                | 1850         | 1310          | 2056         | 1070            |
| 3 converters in parallel |              |               |             |                       |                       |                     |              |               |              |                 |
| LV8412A-AFE (3p)         | 400          | 400 – 440     | 1142        | 1650                  | 1980                  | 1530                | 2082         | 1440          | 2250         | 720             |
| LV8413AX-AFE (3p)        | 400          | 400 – 440     | 1246        | 1800                  | 2160                  | 1695                | 2280         | 1665          | 2610         | 720             |
| LV8420A-AFE (3p)         | 400          | 400 – 440     | 1910        | 2760                  | 3312                  | 2760                | 3750         | 2700          | 4212         | 720             |
| LV8512A-AFE (3p)         | 400          | 460 – 500     | 1101        | 1590                  | 1908                  | 1470                | 1998         | 1410          | 2211         | 790             |
| LV8512AX-AFE (3p)        | 400          | 460 – 500     | 1163        | 1680                  | 2010                  | 1575                | 2145         | 1545          | 2400         | 790             |
| LV8518A-AFE (3p)         | 400          | 460 – 500     | 1765        | 2550                  | 3060                  | 2460                | 3345         | 2400          | 3744         | 790             |
| LV8612A-AFE (3p)         | 690          | 690           | 1164        | 975                   | 1170                  | 825                 | 1110         | 795           | 1230         | 1070            |
| LV8628A-AFE (3p)         | 690          | 690           | 2729        | 2286                  | 2742                  | 2040                | 2775         | 1965          | 3084         | 1070            |





# LV8 Type Data

Deviating pulse frequencies and other variations available on request

## Line converter, water-cooled at ambient temperature 40°C at 2.5 kHz

| Type Designation                | Line Voltage | Motor Voltage | Rated Power | Load Cycle 60s / 600s |              | Load Cycle 30s / 180s |              | Load Cycle 3s / 15s |              | DC-Link Voltage |
|---------------------------------|--------------|---------------|-------------|-----------------------|--------------|-----------------------|--------------|---------------------|--------------|-----------------|
|                                 |              |               |             | Rated Current         | Max. Current | Rated Current         | Max. Current | Rated Current       | Max. Current |                 |
|                                 | [V]          | [V]           | [kVA]       | [A]                   | [A]          | [A]                   | [A]          | [A]                 | [A]          | [VDC]           |
| LV8405W40-AFE                   | 400          | 400 – 440     | 416         | 600                   | 720          | 600                   | 810          | 590                 | 920          | 720             |
| LV8405W40X-AFE                  | 400          | 400 – 440     | 416         | 600                   | 720          | 600                   | 810          | 600                 | 940          | 720             |
| LV8407W40-AFE                   | 400          | 400 – 440     | 637         | 920                   | 1104         | 920                   | 1250         | 920                 | 1435         | 720             |
| LV8505W40-AFE                   | 400          | 460 – 500     | 416         | 600                   | 720          | 590                   | 800          | 570                 | 890          | 790             |
| LV8505W40X-AFE                  | 400          | 460 – 500     | 416         | 600                   | 720          | 600                   | 810          | 600                 | 940          | 790             |
| LV8507W40-AFE                   | 400          | 460 – 500     | 637         | 920                   | 1104         | 920                   | 1250         | 920                 | 1435         | 790             |
| LV8606W40-AFE                   | 690          | 690           | 514         | 430                   | 516          | 385                   | 520          | 365                 | 570          | 1070            |
| LV8611W40-AFE                   | 690          | 690           | 1100        | 920                   | 1104         | 920                   | 1250         | 920                 | 1435         | 1070            |
| <b>2 converters in parallel</b> |              |               |             |                       |              |                       |              |                     |              |                 |
| LV8409W40-AFE (2p)              | 400          | 400 – 440     | 831         | 1200                  | 1440         | 1200                  | 1620         | 1180                | 1840         | 720             |
| LV8409W40X-AFE (2p)             | 400          | 400 – 440     | 831         | 1200                  | 1440         | 1200                  | 1620         | 1200                | 1880         | 720             |
| LV8413W40-AFE (2p)              | 400          | 400 – 440     | 1274        | 1840                  | 2208         | 1840                  | 2500         | 1840                | 2870         | 720             |
| LV8509W40-AFE (2p)              | 400          | 460 – 500     | 831         | 1200                  | 1440         | 1180                  | 1600         | 1140                | 1780         | 790             |
| LV8509W40X-AFE (2p)             | 400          | 460 – 500     | 831         | 1200                  | 1440         | 1200                  | 1620         | 1200                | 1880         | 790             |
| LV8513W40-AFE (2p)              | 400          | 460 – 500     | 1274        | 1840                  | 2208         | 1840                  | 2500         | 1840                | 2870         | 790             |
| LV8611W40-AFE (2p)              | 690          | 690           | 1027        | 860                   | 1032         | 770                   | 1040         | 730                 | 1140         | 1070            |
| LV8622W40-AFE (2p)              | 690          | 690           | 2200        | 1840                  | 2208         | 1840                  | 2500         | 1840                | 2870         | 1070            |
| <b>3 converters in parallel</b> |              |               |             |                       |              |                       |              |                     |              |                 |
| LV8413W40-AFE (3p)              | 400          | 400 – 440     | 1246        | 1800                  | 2160         | 1800                  | 2430         | 1770                | 2760         | 720             |
| LV8413W40X-AFE (3p)             | 400          | 400 – 440     | 1246        | 1800                  | 2160         | 1800                  | 2430         | 1800                | 2820         | 720             |
| LV8420W40-AFE (3p)              | 400          | 400 – 440     | 1910        | 2760                  | 3312         | 2760                  | 3750         | 2760                | 4305         | 720             |
| LV8513W40-AFE (3p)              | 400          | 460 – 500     | 1246        | 1800                  | 2160         | 1770                  | 2400         | 1710                | 2670         | 790             |
| LV8513W40X-AFE (3p)             | 400          | 460 – 500     | 1246        | 1800                  | 2160         | 1800                  | 2430         | 1800                | 2820         | 790             |
| LV8520W40-AFE (3p)              | 400          | 460 – 500     | 1910        | 2760                  | 3312         | 2760                  | 3750         | 2760                | 4305         | 790             |
| LV8616W40-AFE (3p)              | 690          | 690           | 1540        | 1290                  | 1548         | 1155                  | 1560         | 1095                | 1710         | 1070            |
| LV8633W40-AFE (3p)              | 690          | 690           | 3295        | 2760                  | 3312         | 2760                  | 3750         | 2760                | 4305         | 1070            |



# LV8 Type Data

Deviating pulse frequencies and other variations available on request

## Motor inverter, air-cooled at ambient temperature 40°C at 2.5 kHz

| Type Designation               | Motor Voltage | Rated Power | Rated Current         |                       | Max. Current        |                     | Rated Current       |                     | Max. Current |       | DC-Link Voltage |
|--------------------------------|---------------|-------------|-----------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|--------------|-------|-----------------|
|                                |               |             | Load Cycle 60s / 600s | Load Cycle 30s / 180s | Load Cycle 3s / 15s | Load Cycle 3s / 15s | Load Cycle 3s / 15s | Load Cycle 3s / 15s |              |       |                 |
|                                | [V]           | [kVA]       | [A]                   | [A]                   | [A]                 | [A]                 | [A]                 | [A]                 | [A]          | [VDC] |                 |
| LV8405W40-T IB                 | 400           | 381         | 550                   | 660                   | 510                 | 690                 | 480                 | 750                 | 720          |       |                 |
| LV8405W40X-T IB                | 400           | 416         | 600                   | 720                   | 565                 | 760                 | 555                 | 870                 | 720          |       |                 |
| LV8407W40-T IB                 | 400           | 637         | 920                   | 1104                  | 870                 | 1180                | 840                 | 1310                | 720          |       |                 |
| LV8506W40-T IB                 | 500           | 459         | 530                   | 636                   | 490                 | 660                 | 470                 | 730                 | 790          |       |                 |
| LV8506W40X-T IB                | 500           | 485         | 560                   | 670                   | 525                 | 710                 | 515                 | 800                 | 790          |       |                 |
| LV8508W40-T IB                 | 500           | 736         | 850                   | 1020                  | 820                 | 1115                | 800                 | 1250                | 790          |       |                 |
| LV8606W40-T IB                 | 690           | 388         | 325                   | 390                   | 275                 | 370                 | 265                 | 410                 | 1070         |       |                 |
| LV8611W40-T IB                 | 690           | 910         | 762                   | 914                   | 680                 | 920                 | 655                 | 1020                | 1070         |       |                 |
| <b>2 inverters in parallel</b> |               |             |                       |                       |                     |                     |                     |                     |              |       |                 |
| LV8409W40-T IB (2p)            | 400           | 762         | 1100                  | 1320                  | 1020                | 1380                | 960                 | 1500                | 720          |       |                 |
| LV8409W40X-T IB (2p)           | 400           | 831         | 1200                  | 1440                  | 1130                | 1520                | 1110                | 1740                | 720          |       |                 |
| LV8413W40-T IB (2p)            | 400           | 1274        | 1840                  | 2208                  | 1740                | 2360                | 1680                | 2620                | 720          |       |                 |
| LV8511W40-T IB (2p)            | 500           | 917         | 1060                  | 1272                  | 980                 | 1320                | 940                 | 1460                | 790          |       |                 |
| LV8511W40X-T IB (2p)           | 500           | 969         | 1120                  | 1340                  | 1050                | 1420                | 1030                | 1600                | 790          |       |                 |
| LV8516W40-T IB (2p)            | 500           | 1471        | 1700                  | 2040                  | 1640                | 2230                | 1600                | 2500                | 790          |       |                 |
| LV8611W40-T IB (2p)            | 690           | 776         | 650                   | 780                   | 550                 | 740                 | 530                 | 820                 | 1070         |       |                 |
| LV8622W40-T IB (2p)            | 690           | 1820        | 1524                  | 1829                  | 1360                | 1840                | 1310                | 2040                | 1070         |       |                 |
| <b>3 inverters in parallel</b> |               |             |                       |                       |                     |                     |                     |                     |              |       |                 |
| LV8413W40-T IB (3p)            | 400           | 1142        | 1650                  | 1980                  | 1530                | 2070                | 1440                | 2250                | 720          |       |                 |
| LV8413W40X-T IB (3p)           | 400           | 1246        | 1800                  | 2160                  | 1695                | 2280                | 1665                | 2610                | 720          |       |                 |
| LV8420W40-T IB (3p)            | 400           | 1910        | 2760                  | 3312                  | 2610                | 3540                | 2520                | 3930                | 720          |       |                 |
| LV8516W40-T IB (3p)            | 500           | 1376        | 1590                  | 1908                  | 1470                | 1980                | 1410                | 2190                | 790          |       |                 |
| LV8516W40X-T IB (3p)           | 500           | 1454        | 1680                  | 2010                  | 1575                | 2130                | 1545                | 2400                | 790          |       |                 |
| LV8524W40-T IB (3p)            | 500           | 2206        | 2550                  | 3060                  | 2460                | 3345                | 2400                | 3750                | 790          |       |                 |
| LV8616W40-T IB (3p)            | 690           | 1164        | 975                   | 1170                  | 825                 | 1110                | 795                 | 1230                | 1070         |       |                 |
| LV8633W40-T IB (3p)            | 690           | 2729        | 2286                  | 2743                  | 2040                | 2760                | 1965                | 3060                | 1070         |       |                 |
| <b>4 inverters in parallel</b> |               |             |                       |                       |                     |                     |                     |                     |              |       |                 |
| LV8417W40-T IB (4p)            | 400           | 1523        | 2200                  | 2640                  | 2040                | 2760                | 1920                | 3000                | 720          |       |                 |
| LV8417W40X-T IB (4p)           | 400           | 1661        | 2400                  | 2880                  | 2260                | 3040                | 2220                | 3480                | 720          |       |                 |
| LV8426W40-T IB (4p)            | 400           | 2547        | 3680                  | 4416                  | 3480                | 4720                | 3360                | 5240                | 720          |       |                 |
| LV8521W40-T IB (4p)            | 500           | 1834        | 2120                  | 2544                  | 1960                | 2640                | 1880                | 2920                | 790          |       |                 |
| LV8521W40X-T IB (4p)           | 500           | 1938        | 2240                  | 2680                  | 2100                | 2840                | 2060                | 3200                | 790          |       |                 |
| LV8532W40-T IB (4p)            | 500           | 2941        | 3400                  | 4080                  | 3280                | 4460                | 3200                | 5000                | 790          |       |                 |
| LV8621W40-T IB (4p)            | 690           | 1552        | 1300                  | 1560                  | 1100                | 1480                | 1060                | 1640                | 1070         |       |                 |
| LV8644W40-T IB (4p)            | 690           | 3639        | 3048                  | 3658                  | 2720                | 3680                | 2620                | 4080                | 1070         |       |                 |

GEA34252 ©2020, General Electric Company and/or its affiliates. GE Proprietary Information. All rights reserved. No part of this document may be reproduced, transmitted, stored in a retrieval system nor translated into any human or computer language, in any form or by any means, electronic, mechanical, magnetic, optical, chemical, manual, or otherwise, without the prior written permission of the General Electric Company or its concerned affiliate. All data and information is subject to change without notice and should not be construed as a commitment by GE. GE assumes no responsibility for any errors that may appear in this document.



# LV8 Type Data

Deviating pulse frequencies and other variations available on request

## Motor inverter, water-cooled at ambient temperature 40°C at 2.5 kHz

| Type Designation        | Motor Voltage | Rated Power | Rated Current         | Max. Current | Rated Current         | Max. Current | Rated Current       | Max. Current | DC-Link Voltage |
|-------------------------|---------------|-------------|-----------------------|--------------|-----------------------|--------------|---------------------|--------------|-----------------|
|                         |               |             | Load Cycle 60s / 600s |              | Load Cycle 30s / 180s |              | Load Cycle 3s / 15s |              |                 |
|                         | [V]           | [kVA]       | [A]                   | [A]          | [A]                   | [A]          | [A]                 | [A]          | [VDC]           |
| LV8404A-T IB            | 400           | 416         | 600                   | 720          | 600                   | 810          | 590                 | 920          | 720             |
| LV8405AX-T IB           | 400           | 416         | 600                   | 720          | 810                   | 810          | 600                 | 940          | 720             |
| LV8407A-T IB            | 400           | 637         | 920                   | 1104         | 920                   | 1250         | 920                 | 1435         | 720             |
| LV8505A-T IB            | 500           | 519         | 600                   | 720          | 590                   | 800          | 570                 | 890          | 790             |
| LV8505AX-T IB           | 500           | 519         | 600                   | 720          | 600                   | 810          | 600                 | 940          | 790             |
| LV8508A-T IB            | 500           | 796         | 920                   | 1104         | 920                   | 1250         | 920                 | 1435         | 790             |
| LV8604A-T IB            | 690           | 514         | 430                   | 520          | 385                   | 520          | 365                 | 570          | 1070            |
| LV8610A-T IB            | 690           | 1100        | 920                   | 1104         | 920                   | 1250         | 920                 | 1435         | 1070            |
| 2 inverters in parallel |               |             |                       |              |                       |              |                     |              |                 |
| LV8408A-T IB (2p)       | 400           | 831         | 1200                  | 1440         | 1200                  | 1620         | 1180                | 1840         | 720             |
| LV8409AX-T IB (2p)      | 400           | 831         | 1200                  | 1440         | 1620                  | 1620         | 1200                | 1880         | 720             |
| LV8413A-T IB (2p)       | 400           | 1274        | 1840                  | 2208         | 1840                  | 2500         | 1840                | 2870         | 720             |
| LV8510A-T IB (2p)       | 500           | 1038        | 1200                  | 1440         | 1180                  | 1600         | 1140                | 1780         | 790             |
| LV8510AX-T IB (2p)      | 500           | 1038        | 1200                  | 1440         | 1200                  | 1620         | 1200                | 1880         | 790             |
| LV8515A-T IB (2p)       | 500           | 1592        | 1840                  | 2208         | 1840                  | 2500         | 1840                | 2870         | 790             |
| LV8608A-T IB (2p)       | 690           | 1027        | 860                   | 1040         | 770                   | 1040         | 730                 | 1140         | 1070            |
| LV8619A-T IB (2p)       | 690           | 2200        | 1840                  | 2208         | 1840                  | 2500         | 1840                | 2870         | 1070            |
| 3 inverters in parallel |               |             |                       |              |                       |              |                     |              |                 |
| LV8412A-T IB (3p)       | 400           | 1246        | 1800                  | 2160         | 1800                  | 2430         | 1770                | 2760         | 720             |
| LV8413AX-T IB (3p)      | 400           | 1246        | 1800                  | 2160         | 2430                  | 2430         | 1800                | 2820         | 720             |
| LV8420A-T IB (3p)       | 400           | 1910        | 2760                  | 3312         | 2760                  | 3750         | 2760                | 4305         | 720             |
| LV8514A-T IB (3p)       | 500           | 1557        | 1800                  | 2160         | 1770                  | 2400         | 1710                | 2670         | 790             |
| LV8515AX-T IB (3p)      | 500           | 1557        | 1800                  | 2160         | 1800                  | 2430         | 1800                | 2820         | 790             |
| LV8623A-T IB (3p)       | 500           | 2388        | 2760                  | 3312         | 2760                  | 3750         | 2760                | 4305         | 790             |
| LV8612A-T IB (3p)       | 690           | 1540        | 1290                  | 1560         | 1155                  | 1560         | 1095                | 1710         | 1070            |
| LV8628A-T IB (3p)       | 690           | 3300        | 2760                  | 3312         | 2760                  | 3750         | 2760                | 4305         | 1070            |
| 4 inverters in parallel |               |             |                       |              |                       |              |                     |              |                 |
| LV8416A-T IB (4p)       | 400           | 1661        | 2400                  | 2880         | 2400                  | 3240         | 2360                | 3680         | 720             |
| LV8417AX-T IB (4p)      | 400           | 1661        | 2400                  | 2880         | 3240                  | 3240         | 2400                | 3760         | 720             |
| LV8426A-T IB (4p)       | 400           | 2547        | 3680                  | 4416         | 3680                  | 5000         | 3680                | 5740         | 720             |
| LV8519A-T IB (4p)       | 500           | 2076        | 2400                  | 2880         | 2360                  | 3200         | 2280                | 3560         | 790             |
| LV8520AX-T IB (4p)      | 500           | 2076        | 2400                  | 2880         | 2400                  | 3240         | 2400                | 3760         | 790             |
| LV8530A-T IB (4p)       | 500           | 3184        | 3680                  | 4416         | 3680                  | 5000         | 3680                | 5740         | 790             |
| LV8616A-T IB (4p)       | 690           | 2054        | 1720                  | 2080         | 1540                  | 2080         | 1460                | 2280         | 1070            |
| LV8637A-T IB (4p)       | 690           | 4400        | 3680                  | 4416         | 3680                  | 5000         | 3680                | 5740         | 1070            |