# **Type CGH Inverter Grade Screw Terminal Aluminum Electrolytic**

# 85 °C, Screw Terminal Capacitors



Type CGH screw terminal, aluminum electrolytic capacitors have excellent reliability and a high ripple current capability making them suitable for most AC drive and UPS applications.

### Highlights –

- High ripple current
- High reliability at 85 °C
- Screw Terminal **RoHS** Compliant

**Specifications** 

**Capacitance Range:** Voltage Range: **Capacitance Tolerance: Operating Temperature: Ripple Current Multipliers:** 

350 to 22,000 µF 250 to 500 WVdc

-10% +50%

-40 to +85 °C

**Ambient Temperature** 

+35 °C	+45 °C	+55 °C	+65 °C	+75 °C	+85 °C
2.45	2.25	2.00	1.70	1.40	1.00

Rated	Frequency / Ripple Multiplier												
Voltage	120 Hz	400 Hz	1000 Hz	2500 Hz	10 kHz								
250 to 450	1.000	1.080	1.113	1.175	1.230								

**DC Leakage Current:**  $I \le 6 \sqrt{CV}$  after 5 minutes

Not to exceed 6.0 mA

- $C = Capacitance in \mu F$
- V = Rated Voltage
- I = Leakage current in  $\mu A$

### **Click here to see: Mechanical Details**

Click here to see: Hardware & Mounting

QA Stability Test: Apply WVdc for 1000 h @ 85 °C

- Capacitance change ≤10% from initial limits
- DC leakage current meets initial limits
- ESR ≤175% of initial measured value

# Ratings -

**Options** 

	Catalog	Typical ESR M		Max F	ax Ripple					Catalog	Typical ESR		Max Ripple			
Сар	Part Number	120 Hz	20 kHz	120 Hz	20 kHz	Dia.	Length		Сар	Part Number	120 Hz	20 kHz	120 Hz	20 kHz	Dia.	Length
(µF)		(mΩ)	(mΩ)	(Arms)	(Arms)	(In.)	(ln.)		(µF)		(mΩ)	(mΩ)	(Arms)	(Arms)	(ln.)	(ln.)
250 WVdc ( 300 Vdc Surge )							250 WVdc ( 300 Vdc Surge )									
1,700	CGH172T250V2L	65.8	42.1	4.0	5.0	2.0	2.625		7,400	CGH742T250X3L	27.1	17.3	10.3	12.9	3.0	3.625
2,900	CGH292T250V3L	53.1	34.0	5.7	7.1	2.0	3.625		9,000	CGH902T250W5L	16.3	10.4	14.1	17.6	2.5	5.625
4,100	CGH412T250V4L	25.7	16.4	9.1	11.4	2.0	4.625		10,000	CGH103T250X4L	20.4	13.1	13.0	16.3	3.0	4.625
5,000	CGH502T250W3L	26.9	17.2	9.2	11.5	2.5	3.625		13,000	CGH133T250X5L	16.8	10.8	15.6	19.5	3.0	5.625
5,300	CGH532T250V5L	20.6	13.2	11.0	13.8	2.0	5.625		22,000	CGH223T250X8L	11.5	7.4	22.3	27.9	3.0	8.625
7,000	CGH702T250W4L	20.1	12.9	11.7	14.6	2.5	4.625									

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## Ratings

2,400       CGH242T450W4L       40.1       25.7       8.3       10.4       2.5       4.625       3600       CGH362T500X5 C       76.3       68.4       7.0       7.8       3.0       5.125         2,500       CGH252T450X3L       44.9       28.7       8.0       10.0       3.0       3.625       4100       CGH412T500X5L       67.8       60.8       7.7       8.6       3.0       5.625		Catalog	Typical ESR Max Ripple					Catalog	Typical ESR		R Max Ripple					
350 Wvdc (400 Vdc Surge)         450 Wvdc (525 Vdc Surge)           1,000 CGH102T350V2L         162.6         104.1         2.9         3.6         2.0         2.625           1,700 CGH12T350V3L         81.9         52.4         4.6         5.8         2.0         3.625           2,400 CGH22T350W3L         53.3         3.40         6.8         8.5         2.5         3.625           2,900 CGH22T350W3L         53.1         3.4.0         6.8         8.5         2.5         3.625           3,000 CGH32T350V4L         3.8.2         5.3         6.625         3.625         3.625           3,000 CGH32T350V5L         4.6.2         2.9.6         7.4         9.3         2.0         5.625           3,000 CGH32T350W4L         3.3.2         2.8.4         10.5         2.5         4.625           3,000 CGH32T350W4L         3.8.6         2.7.7         2.6         4.400         2.4         2.0         1.5         2.0         2.125           3,000 CGH32T350W4L         3.8.6         2.4         8.1         10.3         3.625         710         CGH32T350V3L         4.3         2.4         8.1         1.5         2.0         2.125         5.2           4,000 CGH402T350X3L	Сар	Part Number	120 Hz	20 kHz	120 Hz	20 kHz	Dia.	Length	Сар	Part Number	120 Hz	20 kHz	120 Hz	20 kHz	Dia.	Length
1.000       CGH102T350V2L       162.6       104.1       2.9       3.6       2.0       2.625         1.700       CGH172T350V3L       81.9       52.4       4.6       5.8       2.0       3.625         2.400       CGH242T350V4L       58.8       37.6       6.0       7.5       2.0       4.625         2.700       CGH22T350W3L       53.1       34.0       6.8       8.5       2.5       3.625         2.900       CGH32T350W3L       53.1       34.0       6.8       8.5       2.5       3.625         3.000       CGH32T350W4L       39.3       25.2       8.4       10.5       2.5       4.625         3.000       CGH32T350W4L       39.3       25.2       8.4       10.5       2.5       4.625         3.000       CGH32T350W4L       39.3       25.2       8.4       10.5       3.0       3.625         3.000       CGH32T350W4L       38.6       24.7       8.6       10.8       2.5       4.625         4.000       CGH42T350W4L       38.6       24.7       8.6       10.8       2.5       5.625         5.200       CGH42T350W4L       32.5       2.0       10.1       12.6       2.5 <t< td=""><td>(µF)</td><td></td><td>(mΩ)</td><td>(mΩ)</td><td>(Arms)</td><td>(Arms)</td><td>(ln.)</td><td>(ln.)</td><td>(μF)</td><td></td><td>(mΩ)</td><td>(mΩ)</td><td>(Arms)</td><td>(Arms)</td><td>(In.)</td><td>(ln.)</td></t<>	(µF)		(mΩ)	(mΩ)	(Arms)	(Arms)	(ln.)	(ln.)	(μF)		(mΩ)	(mΩ)	(Arms)	(Arms)	(In.)	(ln.)
1.700       CGH172T350V3L       81.9       52.4       4.6       5.8       2.0       3.625       3.600       CGH362T450X4L       32.6       2.0.9       10.3       12.9       3       4.625         2.400       CGH22T350V4L       58.8       37.6       6.0       7.5       2.0       4.625       7.700       CGH362T450X4L       32.6       2.0.9       10.3       12.9       3       4.625         2.700       CGH22T350W3L       53.1       34.0       6.8       8.5       2.5       3.625       7.700       CGH772T450X8L       17.3       11.1       18.2       22.8       3       8.625         3.000       CGH3217350W3L       46.2       2.6       7.4       9.3       2.0       5.625       500       WWdc (550 Vdc Surge)       3.0       2.2       2.125         3.000       CGH3217550W4L       38.6       2.4.7       8.6       10.8       2.5       4.625       500       CGH321750W3L       415.0       1.7       1.9       2.0       2.625         4.000       CGH4217550W4L       3.6.2       1.0.3       3.6.25       7.10       CGH7117500V3L       27.0       2.41.0       1.5       2.6       2.6       1.1       19.0       3.1										450	WVdc (	( 525 Vd	lc Surge )			
2,400         CGH242T350V4L         58.8         37.6         6.0         7.5         2.0         4,225         4,620         CGH422T350V3L         26.8         12.5         3,625           2,900         CGH22T350W3L         53.1         3.4.0         6.8         8.5         2.5         3,625           3,100         CGH32T350V5L         46.2         29.6         7.4         9.3         2.0         5,625           3,800         CGH32T350V5L         46.2         29.6         7.4         9.3         2.0         5,625           4,000         CGH42T350X5L         46.2         2.9.6         7.4         9.3         2.0         5,625           4,000         CGH42T350X3L         4.3.2         2.4         8.1         10.1         3.0         3,625           4,000         CGH42T350X3L         4.3.5         27.8         8.4         10.5         3.0         3,625           4,000         CGH42T350X5L         2.5         2.0.2         10.1         12.6         2.5         5,625           5,000         CGH32T350X5L         2.5.9         10.6         12.5         15.6         3.0         5,625           5,000         CGH22T350X5L         2.5.6         <	1,000	CGH102T350V2L	162.6	104.1	2.9	3.6	2.0	2.625	3,100	CGH312T450W5L	31.7	20.3	10.1	12.6	2.5	5.625
Ind       I	1,700	CGH172T350V3L	81.9	52.4	4.6	5.8	2.0	3.625	3,600	CGH362T450X4L	32.6	20.9	10.3	12.9	3	4.625
1,700       CGH227350W3L       53.1       34.0       6.8       8.5       2.5       3.625         3,100       CGH327350W3L       53.1       34.0       6.8       8.5       2.5       3.625         3,100       CGH327350W3L       53.1       34.0       6.8       8.5       2.5       3.625         3,800       CGH327350W3L       39.3       25.2       8.4       10.5       2.5       4.625       520       CGH351T500V2L       47.0       41.60       1.7       1.9       2.0       2.625         4,000       CGH402T350X3L       44.3       28.4       8.1       10.1       3.0       3.625       710       CGH31T00V3L       245.0       305.0       2.1       2.4       2.0       3.12         4,000       CGH42T350W3L       31.5       20.2       10.1       12.6       2.5       5.625       100       CGH112T500V4C       225.0       199.0       3.1       3.3       2.0       4.25         4,000       CGH32T350X3L       3.5       2.0       10.3       12.9       2.5       5.625       1000       CGH12T500V4C       225.0       199.0       3.1       3.4       2.5       3.125         5,000       CGH52T350X5L	2,400	CGH242T350V4L	58.8	37.6	6.0	7.5	2.0	4.625	4,600	CGH462T450X5L	26.2	16.8	12.4	15.5	3	5.625
1100         CGH32T350V5L         46.2         29.6         7.4         9.3         2.0         5.625           3,100         CGH32T350V5L         46.2         29.6         7.4         9.3         2.0         5.625           3,800         CGH32T350V3L         43.3         25.2         8.4         10.5         2.5         4.625           4,000         CGH42T350V3L         44.3         28.4         8.1         10.1         3.0         3.625           4,100         CGH42T350V3L         43.5         27.8         8.4         10.5         3.0         3.625           4,000         CGH42T350V3L         43.5         27.8         8.4         10.5         3.0         3.625           4,000         CGH42T350V3L         3.1.5         20.2         10.1         12.6         2.5         5.625           5,000         CGH52T350V4L         31.5         20.2         10.1         12.6         2.5         5.625           5,700         CGH52T350V4L         32.3         20.7         10.6         13.3         3.0         4.625           6,000         CGH732T350V5L         25.6         16.6         12.5         15.6         3.0         5.625	2,700	CGH272T350W3L	54.3	34.8	6.5	8.1	2.5	3.625	7,700	CGH772T450X8L	17.3	11.1	18.2	22.8	3	8.625
3,800       CGH382T350W4L       39.3       25.2       8.4       10.5       2.5       4.625         4,000       CGH402T350X3L       44.3       28.4       8.1       10.1       3.0       3.625         4,100       CGH42T350X3L       44.3       28.4       8.1       10.1       3.0       3.625         4,000       CGH42T350X4L       38.6       24.7       8.6       10.8       2.5       4.625         4,000       CGH492T350X3L       43.5       27.8       8.4       10.5       3.0       3.625         4,000       CGH492T350X3L       43.5       27.8       8.4       10.5       3.0       3.625         4,000       CGH492T350X4L       31.5       20.2       10.1       12.6       2.5       5.625         5,200       CGH52T350X4L       32.5       20.8       10.3       12.9       3.0       4.625         5,700       CGH72T350X4L       32.3       20.7       10.6       13.3       3.0       4.625         7,800       CGH782T350X5L       25.6       16.4       12.8       16.0       3.0       5.625         1000       CGH102T450V3L       139.6       102.1       2.9       3.6       2.0 <td>2,900</td> <td>CGH292T350W3L</td> <td>53.1</td> <td>34.0</td> <td>6.8</td> <td>8.5</td> <td>2.5</td> <td>3.625</td> <td></td> <td>500</td> <td>WVdc (</td> <td>( 550 Vd</td> <td>lc Surge )</td> <td></td> <td></td> <td></td>	2,900	CGH292T350W3L	53.1	34.0	6.8	8.5	2.5	3.625		500	WVdc (	( 550 Vd	lc Surge )			
4,000       CGH402T350X3L       44.3       28.4       8.1       10.1       3.0       3.625         4,100       CGH412T350W4L       38.6       24.7       8.6       10.8       2.5       4.625         4,000       CGH432T350X3L       43.5       27.8       8.4       10.5       3.0       3.625         4,900       CGH492T350W5L       31.5       20.2       10.1       12.6       2.5       5.625         5,200       CGH522T350W5L       31.1       19.9       10.3       12.9       2.5       5.625         5,700       CGH732T350X4L       32.3       20.7       10.6       13.3       3.0       4.625         6,000       CGH402T350X5L       25.6       16.6       12.5       15.6       3.0       5.625         7,300       CGH732T350X5L       25.6       16.6       12.5       15.6       3.0       5.625         7,800       CGH782T350X5L       25.6       16.4       12.8       16.0       3.0       5.625         1,000       CGH103T350X8L       20.7       13.2       16.6       20.8       3.0       8.625         620       CGH621T450V2L       159.6       102.1       2.9       3.6	3,100	CGH312T350V5L	46.2	29.6	7.4	9.3	2.0	5.625	350	CGH351T500V2 C	692.0	612.0	1.3	1.5	2.0	2.125
1.100       CGH412T350W4L       38.6       24.7       8.6       10.8       2.5       4.625         4,100       CGH432T350W4L       38.6       24.7       8.6       10.8       2.5       4.625         4,300       CGH432T350W4L       33.5       27.8       8.4       10.5       3.0       3.625         4,900       CGH492T350W5L       31.5       20.2       10.1       12.6       2.5       5.625         5,200       CGH52ZT350W4L       32.5       2.0.8       10.3       12.9       2.5       5.625         5,700       CGH57ZT350X4L       32.5       2.0.8       10.3       12.9       3.0       4.625         7,300       CGH732T350X5L       25.9       16.6       12.5       15.6       3.0       5.625         7,800       CGH782T350X5L       25.6       16.4       12.8       16.0       3.0       5.625         7,800       CGH782T350X5L       25.6       16.4       12.8       16.0       3.0       5.625         10,000       CGH103T350X8L       20.7       13.2       16.6       20.8       3.0       8.625         1,000       CGH621T450V2L       159.6       102.1       2.9       3.6	3,800	CGH382T350W4L	39.3	25.2	8.4	10.5	2.5	4.625	520	CGH521T500V2L	470.0	416.0	1.7	1.9	2.0	2.625
4,300       CGH432T350X3L       43.5       27.8       8.4       10.5       3.0       3.625         4,300       CGH432T350X3L       43.5       27.8       8.4       10.5       3.0       3.625         4,300       CGH432T350X3L       43.5       27.8       8.4       10.5       3.0       3.625         4,300       CGH432T350X3L       31.5       20.2       10.1       12.6       2.5       5.625         5,700       CGH522T350X4L       32.5       20.8       10.3       12.9       3.0       4.625         6,000       CGH602T350X4L       32.3       20.7       10.6       13.3       3.0       4.625         7,300       CGH732T350X5L       25.6       16.6       12.5       15.6       3.0       5.625         10,000       CGH103T350X5L       25.6       16.4       12.8       16.0       3.0       5.625         10,000       CGH103T350X5L       25.6       16.6       12.5       15.6       3.0       5.625         10,000       CGH1782T350X5L       25.6       16.6       12.5       15.6       3.0       5.625         10,000       CGH1782T350X5L       25.6       16.6       12.5       16.6	4,000	CGH402T350X3L	44.3	28.4	8.1	10.1	3.0	3.625	710	CGH711T500V3 C	345.0	305.0	2.1	2.4	2.0	3.125
1       1 <th1< th=""> <th1< th=""> <th1< th=""></th1<></th1<></th1<>	4,100	CGH412T350W4L	38.6	24.7	8.6	10.8	2.5	4.625	900	CGH901T500V3L	272.0	241.0	2.5	2.8	2.0	3.625
5,200       CGH522T350W5L       31.1       19.9       10.3       12.9       2.5       5.625         5,700       CGH572T350X4L       32.5       20.8       10.3       12.9       2.5       5.625         6,000       CGH602T350X4L       32.3       20.7       10.6       13.3       3.0       4.625         7,300       CGH732T350X5L       25.9       16.6       12.5       15.6       3.0       5.625         7,800       CGH782T350X5L       25.6       16.4       12.8       16.0       3.0       5.625         7,800       CGH782T350X5L       25.6       16.4       12.8       16.0       3.0       5.625         10,000       CGH103T350X8L       20.7       13.2       16.6       20.8       3.0       8.625         450 WVdc (525 Vdc Surge)         620       CGH621T450V3L       159.6       102.1       2.9       3.6       2.0       2.625         1,400       CGH142T450V4L       60.3       38.6       5.9       7.4       2.0       4.625         1,700       CGH142T450V4L       60.3       38.6       5.9       7.4       2.0       4.625         1,800       CGH142T450V4L       60.3	4,300	CGH432T350X3L	43.5	27.8	8.4	10.5	3.0	3.625	1100	CGH112T500V4 C	225.0	199.0	3.1	3.3	2.0	4.125
5,200       CGH522T350W5L       31.1       19.9       10.3       12.9       2.5       5.625         5,700       CGH572T350X4L       32.5       20.8       10.3       12.9       3.0       4.625         6,000       CGH602T350X4L       32.3       20.7       10.6       13.3       3.0       4.625         7,300       CGH732T350X5L       25.9       16.6       12.5       15.6       3.0       5.625         7,800       CGH782T350X5L       25.6       16.4       12.8       16.0       3.0       5.625         10,000       CGH103T350X8L       20.7       13.2       16.6       20.8       3.0       8.625         10,000       CGH103T350X8L       20.7       13.2       16.6       20.8       3.0       8.625         10,000       CGH102T450V3L       159.6       102.1       2.9       3.6       2.0       2.625         1,400       CGH142T450V4L       60.3       38.6       5.9       7.4       2.0       4.625         1,700       CGH142T450V3L       60.3       36.6       5.9       7.4       2.0       4.625         1,700       CGH142T450V4L       60.3       38.6       5.9       7.4 <t< td=""><td>4,900</td><td>CGH492T350W5L</td><td>31.5</td><td>20.2</td><td>10.1</td><td>12.6</td><td>2.5</td><td>5.625</td><td>1200</td><td>CGH122T500W3 C</td><td>218.0</td><td>196.0</td><td>3.1</td><td>3.4</td><td>2.5</td><td>3.125</td></t<>	4,900	CGH492T350W5L	31.5	20.2	10.1	12.6	2.5	5.625	1200	CGH122T500W3 C	218.0	196.0	3.1	3.4	2.5	3.125
5,700       CGH572T350X4L       32.5       20.8       10.3       12.9       3.0       4.625         6,000       CGH602T350X4L       32.3       20.7       10.6       13.3       3.0       4.625         7,300       CGH732T350X5L       25.9       16.6       12.5       15.6       3.0       5.625         7,800       CGH782T350X5L       25.6       16.4       12.8       16.0       3.0       5.625         10,000       CGH103T350X8L       20.7       13.2       16.6       20.8       3.0       8.625 <b>450 WVdc (525 Vdc Surge )</b> 620       CGH621T450V2L       159.6       102.1       2.9       3.6       2.0       2.625         1,000       CGH102T450V3L       83.4       5.3       2.6       2.0       2.625         1,000       CGH122T450V4L       60.3       38.6       5.9       7.4       2.0       4.625         1,700       CGH182T450V4L       60.3       38.6       5.9       7.4       2.0       4.625         1,700       CGH182T450V3L       47.6       30.5       7.2       9.0       2.0       5.625         1,700       CGH182T450V3L       47.6       30.5	5,200	CGH522T350W5L	31.1	19.9	10.3	12.9	2.5	5.625	1300				33	37		
6,000       CGH602T350X4L       32.3       20.7       10.6       13.3       3.0       4.625         7,300       CGH732T350X5L       25.9       16.6       12.5       15.6       3.0       5.625         7,800       CGH782T350X5L       25.6       16.4       12.8       16.0       3.0       5.625         10,000       CGH103T350X8L       20.7       13.2       16.6       20.8       3.0       8.625 <b>450 WVdc ( 525 Vdc Surge )</b> 620       CGH621T450V2L       159.6       102.1       2.9       3.6       2.0       2.625         1,000       CGH102T450V3L       83.4       53.4       4.8       6.0       2.0       3.625         1,400       CGH142T450V4L       60.3       38.6       5.9       7.4       2.0       4.625         1,800       CGH182T450V5L       47.6       30.5       7.2       9.0       2.0       5.625         2,400       CGH242T450W4L       40.1       25.7       8.3       10.4       2.5       4.625         2,500       CGH252T450X3L       44.9       28.7       8.0       10.0       3.0       5.625         2,600       CGH252T450X3L       44.9	5,700	CGH572T350X4L	32.5	20.8	10.3	12.9	3.0	4.625								
7,300       CGH7321350X5L       25.9       16.6       12.5       15.6       3.0       5.625         7,800       CGH782T350X5L       25.6       16.4       12.8       16.0       3.0       5.625         10,000       CGH103T350X8L       20.7       13.2       16.6       20.8       3.0       8.625         450       WVdc (525 Vdc Surge)       56       102.1       2.9       3.6       2.0       2.625         1,000       CGH102T450V2L       159.6       102.1       2.9       3.6       2.0       2.625         1,400       CGH142T450V4L       60.3       38.6       5.9       7.4       2.0       4.625         1,700       CGH172T500W5L       106.0       99.1       5.3       6.6       2.5       5.625         1,400       CGH142T450V4L       60.3       38.6       5.9       7.4       2.0       4.625       2700       CGH272T500W5L       93.9       83.5       5.9       6.6       2.5       5.625         1,800       CGH182T450V4L       40.1       25.7       8.3       10.4       2.5       4.625       3100       CGH272T500X4L       87.4       78.4       6.3       7.0       3.0       4.625	6,000	CGH602T350X4L	32.3	20.7	10.6	13.3	3.0	4.625								
17,800       CGH7821350X3L       25.8       16.4       12.8       16.0       3.0       5.025         10,000       CGH103T350X8L       20.7       13.2       16.6       20.8       3.0       8.625         1800       CGH182T500W4C       142.0       126.0       4.2       4.7       2.5       4.125         450 WVdc (525 Vdc Surge )         620       CGH621T450V2L       159.6       102.1       2.9       3.6       2.0       2.625       200       CGH222T500X3L       124.0       111.0       4.8       5.4       3.0       3.625         1,400       CGH142T450V4L       60.3       38.6       5.9       7.4       2.0       4.625       2700       CGH272T500W5L       93.9       83.5       5.9       6.6       2.5       5.625         1,400       CGH172T450W3L       55.3       35.4       6.4       8.0       2.5       3.625       2700       CGH272T500W4L       103.0       91.8       5.6       6.3       3.0       4.125         1,800       CGH182T450W4L       40.1       25.7       8.3       10.4       2.5       4.625       3600       CGH362T500X5C       76.3       68.4       7.0       7.8       3.0	7,300	CGH732T350X5L	25.9	16.6	12.5	15.6	3.0	5.625								
10,000       CGH1031330XdL       20.7       13.2       10.0       20.3       3.0       6.023         450 WVdc (525 Vdc Surge)         620       CGH621T450V2L       159.6       102.1       2.9       3.6       2.0       2.625         1,000       CGH102T450V3L       83.4       53.4       4.8       6.0       2.0       3.625         1,400       CGH142T450V4L       60.3       38.6       5.9       7.4       2.0       4.625         1,700       CGH172T450W3L       55.3       35.4       6.4       8.0       2.5       3.625         1,800       CGH182T450V5L       47.6       30.5       7.2       9.0       2.0       5.625         2,400       CGH242T450W4L       40.1       25.7       8.3       10.4       2.5       4.625         2,500       CGH252T450X3L       44.9       28.7       8.0       10.0       3.0       3.625         4100       CGH412T500X5L       67.8       60.8       7.7       8.6       3.0       5.625	7,800	CGH782T350X5L	25.6	16.4	12.8	16.0	3.0	5.625					-			
	10,000	CGH103T350X8L	20.7	13.2	16.6	20.8	3.0	8.625								
1,000       CGH102T450V3L       83.4       53.4       4.8       6.0       2.0       3.625       2400       CGH242T500W5C       106.0       99.1       5.3       6.0       2.5       5.125         1,400       CGH142T450V4L       60.3       38.6       5.9       7.4       2.0       4.625       2700       CGH272T500W5L       93.9       83.5       5.9       6.6       2.5       5.625         1,700       CGH172T450W3L       55.3       35.4       6.4       8.0       2.5       3.625       2700       CGH272T500X4C       103.0       91.8       5.6       6.3       3.0       4.125         1,800       CGH182T450V5L       47.6       30.5       7.2       9.0       2.0       5.625       3100       CGH312T500X4L       87.4       78.4       6.3       7.0       3.0       4.625         2,400       CGH242T450W4L       40.1       25.7       8.3       10.4       2.5       4.625       3600       CGH362T500X5C       76.3       68.4       7.0       7.8       3.0       5.125         2,500       CGH252T450X3L       44.9       28.7       8.0       10.0       3.0       3.625       4100       CGH412T500X5L       67.8       60.8		450	WVdc (	525 Vdd	: Surge )				2100	CGH212T500W4L	121.0	108.0	4.8	5.3	2.5	4.625
1,400       CGH142T450V4L       60.3       38.6       5.9       7.4       2.0       4.625         1,700       CGH172T450W3L       55.3       35.4       6.4       8.0       2.5       3.625         1,800       CGH182T450V5L       47.6       30.5       7.2       9.0       2.0       5.625         2,400       CGH242T450W4L       40.1       25.7       8.3       10.4       2.5       4.625         2,500       CGH252T450X3L       44.9       28.7       8.0       10.0       3.0       3.625	620	CGH621T450V2L	159.6	102.1	2.9	3.6	2.0	2.625	2200	CGH222T500X3L	124.0	111.0	4.8	5.4	3.0	3.625
1,700       CGH172T450W3L       55.3       35.4       6.4       8.0       2.5       3.625       2700       CGH272T500X4 C       103.0       91.8       5.6       6.3       3.0       4.125         1,800       CGH182T450V5L       47.6       30.5       7.2       9.0       2.0       5.625       3100       CGH312T500X4L       87.4       78.4       6.3       7.0       3.0       4.625         2,400       CGH242T450W4L       40.1       25.7       8.3       10.4       2.5       4.625       3600       CGH362T500X5 C       76.3       68.4       7.0       7.8       3.0       5.125         2,500       CGH252T450X3L       44.9       28.7       8.0       10.0       3.0       3.625       4100       CGH412T500X5L       67.8       60.8       7.7       8.6       3.0       5.625	1,000	CGH102T450V3L	83.4	53.4	4.8	6.0	2.0	3.625	2400	CGH242T500W5 C	106.0	99.1	5.3	6.0	2.5	5.125
1,800       CGH182T450V5L       47.6       30.5       7.2       9.0       2.0       5.625       3100       CGH312T500X4L       87.4       78.4       6.3       7.0       3.0       4.625         2,400       CGH242T450W4L       40.1       25.7       8.3       10.4       2.5       4.625       3600       CGH362T500X5C       76.3       68.4       7.0       7.8       3.0       5.125         2,500       CGH252T450X3L       44.9       28.7       8.0       10.0       3.0       3.625       4100       CGH412T500X5L       67.8       60.8       7.7       8.6       3.0       5.625	1,400	CGH142T450V4L	60.3	38.6	5.9	7.4	2.0	4.625	2700	CGH272T500W5L	93.9	83.5	5.9	6.6	2.5	5.625
2,400       CGH242T450W4L       40.1       25.7       8.3       10.4       2.5       4.625       3600       CGH362T500X5 C       76.3       68.4       7.0       7.8       3.0       5.125         2,500       CGH252T450X3L       44.9       28.7       8.0       10.0       3.0       3.625       4100       CGH412T500X5L       67.8       60.8       7.7       8.6       3.0       5.625	1,700	CGH172T450W3L	55.3	35.4	6.4	8.0	2.5	3.625	2700	CGH272T500X4 C	103.0	91.8	5.6	6.3	3.0	4.125
2,500 CGH252T450X3L 44.9 28.7 8.0 10.0 3.0 3.625 4100 CGH412T500X5L 67.8 60.8 7.7 8.6 3.0 5.625	1,800	CGH182T450V5L	47.6	30.5	7.2	9.0	2.0	5.625	3100	CGH312T500X4L	87.4	78.4	6.3	7.0	3.0	4.625
2,500 CGH252T450X3L 44.9 28.7 8.0 10.0 3.0 3.625 4100 CGH412T500X5L 67.8 60.8 7.7 8.6 3.0 5.625	2,400	CGH242T450W4L	40.1	25.7	8.3	10.4	2.5	4.625	3600	CGH362T500X5 C	76.3	68.4	7.0	7.8	3.0	5.125
	2,500	CGH252T450X3L	44.9	28.7	8.0	10.0	3.0	3.625								
6900 CGH692T500X8L   41.0   36.9   11.9   13.2   3.0   8.625											41.0	36.9	11.9	13.2	3.0	

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