

# GE ENERGY Non-Isolated DC-DC Converters



RoHS Compliant This product is RoHS compliant.

## DIMENSIONS: mm (in.)

<b>A</b>  Height: 8.5 (0.335) <b>NEW! TECHNOLOGY</b>	<b>B</b>  Height: 8.5 (.334)	<b>C</b>  <b>PRODUCT NEW</b>	<b>D</b>  Height: 6.25 (.246)	<b>E</b>  3A: 6.25 (.246) 6A: 7.25 (.285)										
<b>F</b>  Height: 7.27 (.286)	<b>G</b>  Height: 8.5 (.335)	<b>H</b>  Height: 8.28 (.326)	<b>I</b>  Height: 8.5 (.334)	<b>J</b>  Height: 9.10 (.360)										
<b>K</b>  Height: 10.0 (.39)	<b>L</b>  Height: 6.95 (.27)	<b>M</b>  Height: 7.2 (.283) <b>PRODUCT NEW</b>	<b>N</b>  3-6A: 7.84 (.31) 10A: 6.84 (.269)	<b>O</b>  Height: 8.10 (.320)										
<b>P</b>  Height: 9.2 (.36)	<b>Q</b>  Height: 14.0 (.550)	<b>R</b>  Height: 10.76 (.424) <b>PRODUCT NEW</b>	<table border="1"> <thead> <tr> <th colspan="2">Features</th> </tr> </thead> <tbody> <tr> <td>A = Analog interface</td> <td>R = auto Restart</td> </tr> <tr> <td>D = Digital interface</td> <td>S = Sequencing</td> </tr> <tr> <td>H = Heat plate</td> <td>T = Tunable Loop™</td> </tr> <tr> <td>P = Paralleling</td> <td>U = rUggedized</td> </tr> </tbody> </table>		Features		A = Analog interface	R = auto Restart	D = Digital interface	S = Sequencing	H = Heat plate	T = Tunable Loop™	P = Paralleling	U = rUggedized
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## NEWEST GENERATION DLYNX™ WITH TUNABLE LOOP™ AND DIGITAL CONTROL

• SMT • Overcurrent, over temperature protection For quantities greater than listed, call for quote.

MOUSER STOCK NO.	GE Energy Part No.	Fig.	Output Current	Input Voltage	Output Voltage	On/Off Logic	Efficiency	Features	Price Each		
									1	10	50
894-PDT003A0X3-SRZ	PDT003A0X3-SRZ	A	3A	3-14.4Vdc	0.45-5.5Vdc	Negative	94.4%	D, T	7.71	7.10	5.98
894-PVX003A0X3-SRZ	PVX003A0X3-SRZ	A	3A	3-14.4Vdc	0.6-5.5Vdc	Negative	94.0%	A, T	6.27	5.72	4.71
894-PDT006A0X3-SRZ	PDT006A0X3-SRZ	A	6A	3-14.4Vdc	0.45-5.5Vdc	Negative	94.0%	D, T	10.70	9.98	8.62
894-PVX006A0X3-SRZ	PVX006A0X3-SRZ	A	6A	3-14.4Vdc	0.6-5.5Vdc	Negative	94.0%	A, T	9.62	8.88	7.51
894-PDT012A0X3-SRZ	PDT012A0X3-SRZ	A	12A	3-14.4Vdc	0.45-5.5Vdc	Negative	96.0%	D, T	12.55	11.85	10.51
894-PVX012A0X3-SRZ	PVX012A0X3-SRZ	A	12A	3-14.4Vdc	0.6-5.5Vdc	Negative	96.0%	A, T	11.12	10.39	9.03
894-PVX012A0X43-SRZ	PVX012A0X43-SRZ	A	12A	3-14.4Vdc	0.6-5.5Vdc	Positive	96.0%	A, T	11.54	10.26	9.62
894-UDT020A0X3-SRZ	UDT020A0X3-SRZ	B	20A	3-14.4Vdc	0.45-5.5Vdc	Negative	96.0%	D, T	17.59	16.29	13.88
894-UVT020A0X3-SRZ	UVT020A0X3-SRZ	B	20A	3-14.4Vdc	0.6-5.5Vdc	Negative	96.0%	A, T	16.41	15.08	12.62
894-MDT040A0X3-SRPHZ	MDT040A0X3-SRPHZ	C	40A	4.5-14.4Vdc	0.45-2.0Vdc	Negative	91.5%	D, P, T	31.20	29.25	25.59
894-MVT040A0X3-SRPHZ	MVT040A0X3-SRPHZ	C	40A	4.5-14.4Vdc	0.6-2.0Vdc	Negative	91.5%	A, P, T	30.09	27.99	24.06

## CLASSIC POINT OF LOAD POWER MODULES

• SMT • Overcurrent, over temperature protection \* 105°C Operating Temp.

894-APXS002A0X-SRZ	APXS002A0X-SRZ	D	2A	3-14Vdc	0.6-5.5Vdc	Negative	93.6%	T	8.53	7.32	5.23
894-APTS003A0X-SRZ	APTS003A0X-SRZ	E	3A	4.5-14Vdc	0.59-5.5Vdc	Negative	91%	S, T	11.57	10.00	7.28
* 894-APTS003A0X-SRDZ	APTS003A0X-SRDZ	E	3A	4.5-14Vdc	0.59-5.5Vdc	Positive	92.6%	S, T	12.72	10.99	8.01
894-APTS003A0X4-SRZ	APTS003A0X4-SRZ	E	3A	4.5-14Vdc	0.59-5.5Vdc	Positive	92.6%	S, T	12.14	10.49	7.64
894-APTH003A0X-SRZ	APTH003A0X-SRZ	E	3A	2.4-5.5Vdc	0.59-3.63Vdc	Negative	95%	S, T	11.57	10.00	7.28
894-APXH003A0X-SRZ	APXH003A0X-SRZ	E	3A	2.4-5.5Vdc	0.6-3.63Vdc	Negative	94.4%	T	10.62	9.35	6.81
894-APXS003A0X-SRZ	APXS003A0X-SRZ	E	3A	4.5-14Vdc	0.59-5.5Vdc	Negative	91%	T	10.82	9.35	6.81
894-AXA003A0X-SRZ	AXA003A0X-SRZ	F	3A	8.3-14Vdc	0.75-5.5Vdc	Negative	89%	-	7.58	7.13	6.32
894-APXW003A0X3-SRZ	APXW003A0X3-SRZ	G	3A-1.5A	9-36Vdc	3-18Vdc	Negative	93.2%	T	8.49	8.10	7.35
894-APXK004A0X4-SRZ	APXK004A0X4-SRZ	E	4A	4.5-14Vdc	0.59-5.5Vdc	Positive	92.6%	T	15.84	13.76	10.15
894-APXW005A0X3-SRZ	APXW005A0X3-SRZ	G	5A-2.5A	9-36Vdc	3-18Vdc	Negative	95.9%	T	14.28	13.48	11.96
894-APTS006A0X-SRZ	APTS006A0X-SRZ	E	6A	4.5-14Vdc	0.59-5.5Vdc	Negative	91%	S, T	17.32	15.17	11.39
* 894-APTS006A0X-SRDZ	APTS006A0X-SRDZ	E	3A	4.5-14Vdc	0.59-5.5Vdc	Negative	92.6%	S, T	19.05	16.68	12.53
894-APXS006A0X-SRZ	APXS006A0X-SRZ	E	6A	4.5-14Vdc	0.59-5.5Vdc	Negative	91%	T	16.23	14.21	10.67
894-APXH006A0X-SRZ	APXH006A0X-SRZ	E	6A	2.4-5.5Vdc	0.6-3.63Vdc	Positive	94.4%	T	16.23	14.21	10.67
894-AXB03043-SRZ	AXB03043-SRZ	H	10A-5A	18-30Vdc	3-0.6Vdc	Positive	91%	-	23.00	21.60	19.16
894-APTS012A0X3-SRZ	APTS012A0X3-SRZ	B	12A	4.5-14Vdc	0.69-5.5Vdc	Negative	92.7%	S, T	23.63	20.97	16.24
* 894-APTS012A0X3-SRDZ	APTS012A0X3-SRDZ	B	3A	4.5-14Vdc	0.59-5.5Vdc	Negative	92.6%	S, T	25.99	23.06	17.86
894-AXH016A0X3-SRZ	AXH016A0X3-SRZ	H	16A	3.0-5.5Vdc	0.75-3.63Vdc	-	95%	-	18.40	17.35	15.45
894-AXA016A0X3-SRZ	AXA016A0X3-SRZ	H	16A	10-14Vdc	0.75-5.5Vdc	-	92%	-	18.40	17.35	15.45
894-APTS020A0X3-SRZ	APTS020A0X3-SRZ	I	20A	4.5-14Vdc	0.69-5.5Vdc	Negative	91.8%	S, T	25.10	22.50	17.83
894-ATS030A0X3-SRZ	ATS030A0X3-SRZ	J	30A	6.0-14Vdc	0.8-2.75Vdc	Negative	92%	S	27.34	25.42	21.92
894-ATS030A0X3-SRHZ	ATS030A0X3-SRHZ	J	30A	6.0-14Vdc	0.8-2.75Vdc	Negative	92%	S	28.34	26.42	22.92
894-APTS030A0X3SRPHZ	APTS030A0X3-SRPHZ	K	30A	6.0-14Vdc	0.8-3.63Vdc	Negative	92.9%	P, S, T	36.11	32.62	26.32
894-APTS050A0X3SRPHZ	APTS050A0X3-SRPHZ	L	50A	4.5-14Vdc	0.7-2Vdc	Negative	81.1%	P, S, T	58.51	52.86	42.64

• SIP • Overcurrent, over temperature protection

894-NQR002A0X4Z	NQR002A0X4Z	M	2A	3-14VDC	0.6-5.5VDC	Positive	93.3%	T	6.17	5.21	5.00
894-NSR003A0X4Z	NSR003A0X4Z	N	3A	4.5-14VDC	0.59-6Vdc	Positive	93%	T	14.17	12.25	8.92
894-NSR006A0X4Z	NSR006A0X4Z	N	6A	4.5-14Vdc	0.59-6Vdc	Positive	93%	T	18.84	16.50	12.39
894-NSR006A0X54Z	NSR006A0X54Z	N	6A	4.5-14Vdc	0.59-5.5Vdc	Positive	92.6%	T	19.79	17.33	13.01
894-NSR010A0X4Z	NSR010A0X4Z	N	10A	4.5-14Vdc	0.59-6Vdc	Positive	93%	T	21.29	18.82	14.46
894-NQR010A0X4Z	NQR010A0X4Z	M	10A	4.5-14Vdc	0.59-6Vdc	Positive	95%	T	14.19	12.55	9.64
894-AXH016A0X3Z	AXH016A0X3Z	O	16A	3.0-5.5Vdc	0.75-3.3Vdc	Negative	95%	-	18.40	17.35	15.45
894-AXA016A0X3Z	AXA016A0X3Z	O	16A	10-14Vdc	0.75-5.5Vdc	Negative	92%	-	18.40	17.35	15.45
894-NSR020A0X43Z	NSR020A0X43Z	P	20A	4.5-13.8Vdc	0.59-6Vdc	Positive	91%	T	25.87	23.19	18.37
894-ATS025A0X3Z	ATS025A0X3Z	Q	25A	6.0-14Vdc	0.8-5.5Vdc	Negative	93%	T	27.34	25.42	21.92
894-ATS025A0X3-PZ	ATS025A0X3-PZ	Q	25A	6.0-14Vdc	0.8-5.5Vdc	Negative	93%	P, T	28.34	26.42	22.92
894-NSR040A0X43Z	NSR040A0X43Z	R	40A	4.5-14Vdc	0.59-5.5Vdc	Positive	92.6%	T	37.20	33.80	27.61