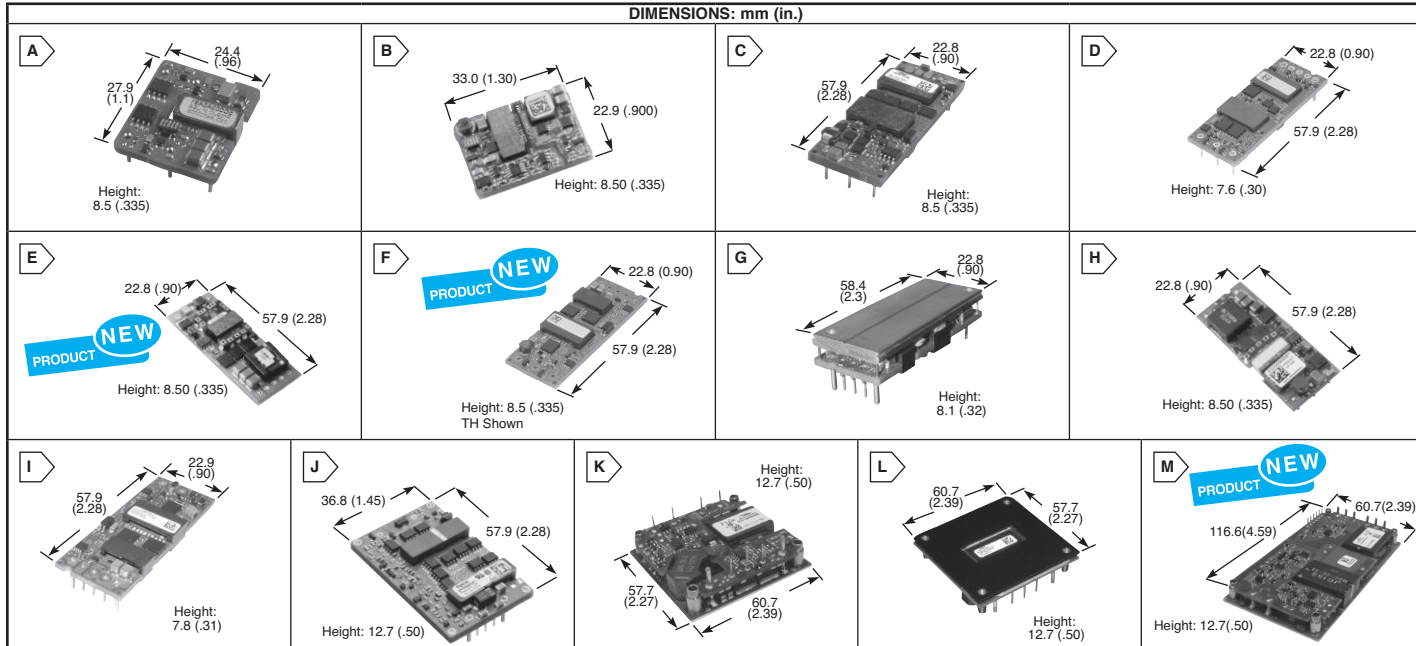


# GE ENERGY DC-DC Converters



Products may be RoHS compliant. Check mouser.com for RoHS status.

DIMENSIONS: mm (in.)



## ISOLATED DC-DC CONVERTERS

### Specifications:

- Remote On/Off
- Remote Sense
- Overcurrent, over voltage, over temperature protection (auto-restart)

Features	
A = Analog interface	R = auto Restart
D = Digital interface	S = Sequencing
H = Heat plate	T = Tunable Loop™
P = Paralleling	U = rUGgedized

### Sixteenth-Brick DC-DC Isolated Converter Power Modules

MOUSER STOCK NO.	GE Energy Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Efficiency	On/Off Logic	Package Type	Features	Price Each		
										1	10	50
894-KNW020A0F41Z	KNW020A0F41Z	A	48V (36-75Vdc)	3.3V	20A	91%	Negative	TH	R	43.20	40.75	35.75
894-KW010A0A41Z	KW010A0A41Z	B	48V (36-75Vdc)	5V	10A	91%	Negative	TH	R	57.60	53.00	43.80
894-KNW015A0F41-SRZ	KNW015A0F41-SRZ	A	48V (36-75Vdc)	3.3V	15A	92%	Negative	SMT	R	42.60	40.15	35.15

For quantities greater than listed, call for quote.

### Eighth-Brick DC-DC Isolated Converter Power Modules

MOUSER STOCK NO.	GE Energy Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Efficiency	On/Off Logic	Package Type	Features	Price Each		
										1	10	50
894-EQD075A41Z	EQD075A41Z	C	24/48V (18-60Vdc)	5/3.3V	15/20A	90%	Negative	TH	R	75.90	70.95	61.10
894-EHHD020A0F41Z	EHHD020A0F41Z	D	24V/48V (18-75Vdc)	3.3V	20A	91%	Negative	TH	R	46.16	38.17	33.27
894-EHHD020A0F41-HZ	EHHD020A0F41-HZ	D	24V/48V (18-75Vdc)	3.3V	20A	91%	Negative	TH	H, R	30.33	33.73	32.13
894-EQW020A0F1Z	EQW020A0F1Z	E	48V (36-75Vdc)	3.3V	20A	89%	Negative	TH	-	59.90	55.20	45.75
894-EHHD015A0A41Z	EHHD015A0A41Z	D	24V/48V (18-75Vdc)	5V	15A	91%	Negative	TH	R	40.16	38.17	33.27
894-EHHD015A0A41-HZ	EHHD015A0A41-HZ	D	24V/48V (18-75Vdc)	5V	15A	91%	Negative	TH	H, R	36.33	33.73	32.13
894-EHHD006A0B41Z	EHHD006A0B41Z	D	24V/48V (18-75Vdc)	12V	6A	92%	Negative	TH	R	40.16	38.17	33.27
894-EHHD006A0B41-HZ	EHHD006A0B41-HZ	D	24V/48V (18-75Vdc)	12V	6A	92%	Negative	TH	H, R	36.33	33.73	32.13
894-ESTW015A0F41Z	ESTW015A0F41Z	C	48V (36-75Vdc)	3.3V	15A	91%	Negative	TH	R	22.10	20.80	18.55
894-ESTW025A0F41-SZ	ESTW025A0F41-SZ	F	48V (36-75Vdc)	3.3V	25A	92%	Negative	SMT	R	34.50	32.75	28.45
894-ESTW025A0F41Z	ESTW025A0F41Z	F	48V (36-75Vdc)	3.3V	25A	92%	Negative	TH	R	34.50	32.75	28.45
894-ESTW010A0A41-SZ	ESTW010A0A41-SZ	F	48V (36-75Vdc)	5V	10A	91%	Negative	SMT	R	28.40	27.00	23.45
894-ESTW010A0A41Z	ESTW010A0A41Z	F	48V (36-75Vdc)	5V	10A	91%	Negative	TH	H, R	30.40	29.00	25.45
894-ESTW010A0A41-HZ	ESTW010A0A41-HZ	F	48V (36-75Vdc)	5V	10A	91%	Negative	TH	R	28.40	27.00	23.45
894-EVW020A0A41-HZ	EVW020A0A41-HZ	G	48V (36-75Vdc)	5V	20A	92%	Negative	TH	H, R	58.60	55.35	48.75
894-EVW020A0S6R041Z	EVW020A0S6R041Z	G	48V (36-75Vdc)	6V	20A	92%	Negative	TH	R	57.60	54.35	47.75
894-EQW006A0B1Z	EQW006A0B1Z	H	48V (36-75Vdc)	12V	6A	92%	Negative	TH	-	59.90	55.20	45.75
894-EVW010A0B41Z	EVW010A0B41Z	I	48V (36-75Vdc)	12V	10A	93.5%	Negative	TH	R	53.30	50.65	44.00
894-EHW007A0B41-HZ	EHW007A0B41-HZ	G	48V (36-75Vdc)	12V	10A	92.5%	Negative	TH	H, R	51.00	48.20	42.50
894-EVW010A0B41-HZ	EVW010A0B41-HZ	I	48V (36-75Vdc)	12V	10A	93.5%	Negative	TH	H, R	55.30	52.65	46.00
894-ESTW004A2C41-SZ	ESTW004A2C41-SZ	F	48V (36-75Vdc)	15V	4.2A	90%	Negative	SMT	R	36.80	34.95	30.35
894-ESTW004A2C41-HZ	ESTW004A2C41-HZ	F	48V (36-75Vdc)	15V	4.2A	90%	Negative	TH	H, R	38.80	36.95	32.35
894-ESTW004A2C41Z	ESTW004A2C41Z	F	48V (36-75Vdc)	15V	4.2A	90%	Negative	TH	R	36.80	34.95	30.35

For quantities greater than listed, call for quote.

### Quarter-Brick DC-DC Isolated Converter Power Modules

MOUSER STOCK NO.	GE Energy Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Efficiency	On/Off Logic	Package Type	Features	Price Each		
										1	10	50
894-QRW025A0A1Z	QRW025A0A1Z	J	48V (36-75Vdc)	5V	25A	92%	Negative	TH	-	87.10	82.00	73.05
894-QRW010A0B1Z	QRW010A0B1Z	J	48V (36-75Vdc)	12V	10A	93%	Negative	TH	-	87.10	82.00	73.05

For quantities greater than listed, call for quote.

### Half-Brick

\* Unthreaded Heat Sink Inserts

MOUSER STOCK NO.	GE Energy Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Efficiency	On/Off Logic	Package Type	Features	Price Each		
										1	10	50
894-JNC350R41Z	JNC350R41Z	K	24V (18-36Vdc)	28V	12.5A	91%	Negative	TH	R	78.40	73.90	64.75
894-JNC350R41-TZ	JNC350R41-TZ	K	24V (18-36Vdc)	28V	12.5A	91%	Negative	TH	R, T	88.10	83.05	72.80
894-JNC350R641-18Z	JNC350R641-18Z	K	24V (18-36Vdc)	28V	12.5A	91%	Negative	TH	T, 3.68mm Pin	80.40	75.90	66.75
* 894-JNW350R641-18Z	JNW350R641-18Z	K	48V (36-75Vdc)	28V	12.5A	92%	Negative	TH	3.68mm Pin	80.40	75.90	66.75
* 894-JRCW016A0R41Z	JRCW016A0R41Z	L	48V (36-75Vdc)	28V	16A	93.50%	Negative	TH	R	80.40	75.90	66.75
894-JRCW016A0R41-TZ	JRCW016A0R41-TZ	L	48V (36-75Vdc)	28V	16A	93.50%	Negative	TH	R, T	90.10	85.05	74.80
894-JRCW450R4Z	JRCW450R4Z	L	48V (36-75Vdc)	32V	14A	94%	Positive	TH	R	80.40	75.90	66.75
894-JRCW450R41Z	JRCW450R41Z	L	48V (36-75Vdc)	32V	14A	94%	Negative	TH	R	80.40	75.90	66.75
894-JRCW450R41-TZ	JRCW450R41-TZ	L	48V (36-75Vdc)	32V	14A	94%	Negative	TH	R, T	90.10	85.05	74.80
894-JRCW450U641-TZ	JRCW450U641-TZ	L	48V (36-75Vdc)	48V	9.4A	94%	Negative	TH	R, T	90.90	85.85	75.60
894-JRCW450U641Z	JRCW450U641Z	L	48V (36-75Vdc)	48V	9.4A	94%	Negative	TH	R, 3.68mm Pin	81.20	76.70	67.55

For quantities greater than listed, call for quote.

### Full-Brick

\* Unthreaded Heat Sink Inserts

MOUSER STOCK NO.	GE Energy Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Efficiency	On/Off Logic	Package Type	Features	Price Each		
										1	10	50
* 894-FNW700R64-18Z	FNW700R64-18Z	M	48V (36-75Vdc)	28V	25A	90%	Negative	TH	R, 3.68mm Pin	104.00	98.60	87.80

For quantities greater than listed, call for quote.

