

Kitemark™ Certificate

This is to certify that:

ABB Installation Products Limited
Bruntcliffe Lane
Morley
Leeds
LS27 9LL
United Kingdom

Holds Certificate Number:

KM 542294

In respect of:

BS EN 50171
Central power supply systems

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.



For and on behalf of BSI:

Shahm Barhom, Group Product Certification Director

First Issued: 2009-10-01

Latest Issue: 2025-03-04

Effective Date: 2025-03-04

Expiry Date: 2027-09-08



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Kitemark™ Certificate

No. KM 542294

EMEX Power AC/AC Central Power Systems BS EN 50171:2001

Unity PF Range – Single Phase – 1 hour duration Rated 220 – 240 V 50/60 Hz

		Commercial		ICEL	
Part code	Description	VA	WATTS	VA	Watts
ELD8110.015	1K5/S1 INVERTER	1500	1500	1250	1250
ELD8110.030	3K/S1 INVERTER	3000	3000	2500	2500
ELD8110.045	4K5/S1 INVERTER	4500	4500	3750	3750
ELD8110.060	6K/S1 INVERTER	6000	6000	5000	5000
ELD8110.075	7K5/S1 INVERTER	7500	7500	6250	6250
ELD8110.090	9K/S1 INVERTER	9000	9000	7500	7500
ELD8110.105	10K5/S1 INVERTER	10500	10500	8750	8750
ELD8110.120	12K/S1 INVERTER	12000	12000	10000	10000
ELD8110.135	13.5K/S1 INVERTER	13500	13500	11250	11250
ELD8110.150	15K/S1 INVERTER	15000	15000	12500	12500
ELD8110.165	16.5K/S1 INVERTER	16500	16500	13750	13750
ELD8110.180	18K/S1 INVERTER	18000	18000	15000	15000
ELD8110.195	19.5K/S1 INVERTER	19500	19500	16250	16250
ELD8110.210	21K/S1 INVERTER	21000	21000	17500	17500
ELD8110.225	22.5K/S1 INVERTER	22500	22500	18750	18750
ELD8110.240	24K/S1 INVERTER	24000	24000	20000	20000

First Issued: 2009-10-01

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To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Kitemark™ Certificate

No. KM 542294

EMEX Power AC/AC Central Power Systems BS EN 50171:2001

Unity PF Range – TPN 3 Phase – 1 hour duration Rated 400 V 50/60 Hz

		Commercial		ICEL	
Part code	Description	VA	Watts	VA	Watts
ELD8130.045	4.5K/S1 SLR Inverter TPN	4500	4500	3750	3750
ELD8130.090	9K/S1 SLR Inverter TPN	9000	9000	7500	7500
ELD8130.135	13.5K/S1 SLR Inverter TPN	13500	13500	11250	11250
ELD8130.180	18K/S1 SLR Inverter TPN	18000	18000	15000	15000
ELD8130.225	22.5K/S1 SLR Inverter TPN	22500	22500	18750	18750
ELD8130.270	27K/S1 SLR Inverter TPN	27000	27000	22500	22500
ELD8130.315	31.5K/S1 SLR Inverter TPN	31500	31500	26250	26250
ELD8130.360	36K/S1 SLR Inverter TPN	36000	36000	30000	30000
ELD8130.405	40.5K/S1 SLR Inverter TPN	40500	40500	33750	33750
ELD8130.450	45K/S1 SLR Inverter TPN	45000	45000	37500	37500
ELD8130.495	49.5K/S1 SLR Inverter TPN	49500	49500	41250	41250
ELD8130.540	54K/S1 SLR Inverter TPN	54000	54000	45000	45000
ELD8130.585	58.5K/S1 SLR Inverter TPN	58500	58500	48750	48750
ELD8130.630	63K/S1 SLR Inverter TPN	63000	63000	52500	52500
ELD8130.675	67.5K/S1 SLR Inverter TPN	67500	67500	56250	56250
ELD8130.720	72K/S1 SLR Inverter TPN	72000	72000	60000	60000
ELD8130.765	76.5K/S1 SLR Inverter TPN	76500	76500	63750	63750
ELD8130.810	81K/S1 SLR Inverter TPN	81000	81000	67500	67500

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EMEX Power AC/AC Central Power Systems BS EN 50171:2001

Unity PF Range – Single Phase – 1.5 hours duration Rated 220 – 240 V 50/60 Hz

		Commercial		ICEL	
Part code	Description	VA	Watts	VA	Watts
ELD8151.015	1K5/S1.5 INVERTER	1500	1500	1250	1250
ELD8151.030	3K/S1.5 INVERTER	3000	3000	2500	2500
ELD8151.045	4K5/S1.5 INVERTER	4500	4500	3750	3750
ELD8151.060	6K/S1.5 INVERTER	6000	6000	5000	5000
ELD8151.075	7K5/S1.5 INVERTER	7500	7500	6250	6250
ELD8151.090	9K/S1.5 INVERTER	9000	9000	7500	7500
ELD8151.105	10K5/S1.5 INVERTER	10500	10500	8750	8750
ELD8151.120	12K/S1.5 INVERTER	12000	12000	10000	10000
ELD8151.135	13.5K/S1.5 INVERTER	13500	13500	11250	11250
ELD8151.150	15K/S1.5 INVERTER	15000	15000	12500	12500
ELD8151.165	16.5K/S1.5 INVERTER	16500	16500	13750	13750
ELD8151.180	18K/S1.5 INVERTER	18000	18000	15000	15000
ELD8151.195	19.5K/S1.5 INVERTER	19500	19500	16250	16250
ELD8151.210	21K/S1.5 INVERTER	21000	21000	17500	17500
ELD8151.225	22.5K/S1.5 INVERTER	22500	22500	18750	18750
ELD8151.240	24K/S1.5 INVERTER	24000	24000	20000	20000

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EMEX Power AC/AC Central Power Systems BS EN 50171:2001

Unity PF Range – TPN 3 Phase – 1.5 hours duration Rated 400 V 50/60 Hz

		Commercial		ICEL	
Part code	Description	VA	Watts	VA	Watts
ELD8153.045	4.5K/S1.5 SLR Inverter TPN	4500	4500	3750	3750
ELD8153.090	9K/S1.5 SLR Inverter TPN	9000	9000	7500	7500
ELD8153.135	13.5K/S1.5 SLR Inverter TPN	13500	13500	11250	11250
ELD8153.180	18K/S1.5 SLR Inverter TPN	18000	18000	15000	15000
ELD8153.225	22.5K/S1.5 SLR Inverter TPN	22500	22500	18750	18750
ELD8153.270	27K/S1.5 SLR Inverter TPN	27000	27000	22500	22500
ELD8153.315	31.5K/S1.5 SLR Inverter TPN	31500	31500	26250	26250
ELD8153.360	36K/S1.5 SLR Inverter TPN	36000	36000	30000	30000
ELD8153.405	40.5K/S1.5 SLR Inverter TPN	40500	40500	33750	33750
ELD8153.450	45K/S1.5 SLR Inverter TPN	45000	45000	37500	37500
ELD8153.495	49.5K/S1.5 SLR Inverter TPN	49500	49500	41250	41250
ELD8153.540	54K/S1.5 SLR Inverter TPN	54000	54000	45000	45000
ELD8153.585	58.5K/S1.5 SLR Inverter TPN	58500	58500	48750	48750
ELD8153.630	63K/S1.5 SLR Inverter TPN	63000	63000	52500	52500
ELD8153.675	67.5K/S1.5 SLR Inverter TPN	67500	67500	56250	56250
ELD8153.720	72K/S1.5 SLR Inverter TPN	72000	72000	60000	60000
ELD8153.765	76.5K/S1.5 SLR Inverter TPN	76500	76500	63750	63750
ELD8153.810	81K/S1.5 SLR Inverter TPN	81000	81000	67500	67500

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EMEX Power AC/AC Central Power Systems BS EN 50171:2001

Unity PF Range – Single Phase – 2 hours duration Rated 220 – 240 V 50/60 Hz

		Commercial		ICEL	
Part code	Description	VA	Watts	VA	Watts
ELD8210.015	1K5/S2 INVERTER	1500	1500	1250	1250
ELD8210.030	3K/S2 INVERTER	3000	3000	2500	2500
ELD8210.045	4K5/S2 INVERTER	4500	4500	3750	3750
ELD8210.060	6K/S2 INVERTER	6000	6000	5000	5000
ELD8210.075	7K5/S2 INVERTER	7500	7500	6250	6250
ELD8210.090	9K/S2 INVERTER	9000	9000	7500	7500
ELD8210.105	10K5/S2 INVERTER	10500	10500	8750	8750
ELD8210.120	12K/S2 INVERTER	12000	12000	10000	10000
ELD8210.135	13.5K/S2 INVERTER	13500	13500	11250	11250
ELD8210.150	15K/S2 INVERTER	15000	15000	12500	12500
ELD8210.165	16.5K/S2 INVERTER	16500	16500	13750	13750
ELD8210.180	18K/S2 INVERTER	18000	18000	15000	15000
ELD8210.195	19.5K/S2 INVERTER	19500	19500	16250	16250
ELD8210.210	21K/S2 INVERTER	21000	21000	17500	17500
ELD8210.225	22.5K/S2 INVERTER	22500	22500	18750	18750
ELD8210.240	24K/S2 INVERTER	24000	24000	20000	20000

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EMEX Power AC/AC Central Power Systems BS EN 50171:2001

Unity PF Range – TPN 3 Phase – 2 hours duration Rated 400 V 50/60 Hz

		Commercial		ICEL	
Part code	Description	VA	Watts	VA	Watts
ELD8230.045	4.5K/S2 SLR Inverter TPN	4500	4500	3750	3750
ELD8230.090	9K/S2 SLR Inverter TPN	9000	9000	7500	7500
ELD8230.135	13.5K/S2 SLR Inverter TPN	13500	13500	11250	11250
ELD8230.180	18K/S2 SLR Inverter TPN	18000	18000	15000	15000
ELD8230.225	22.5K/S2 SLR Inverter TPN	22500	22500	18750	18750
ELD8230.270	27K/S2 SLR Inverter TPN	27000	27000	22500	22500
ELD8230.315	31.5K/S2 SLR Inverter TPN	31500	31500	26250	26250
ELD8230.360	36K/S2 SLR Inverter TPN	36000	36000	30000	30000
ELD8230.405	40.5K/S2 SLR Inverter TPN	40500	40500	33750	33750
ELD8230.450	45K/S2 SLR Inverter TPN	45000	45000	37500	37500
ELD8230.495	49.5K/S2 SLR Inverter TPN	49500	49500	41250	41250
ELD8230.540	54K/S2 SLR Inverter TPN	54000	54000	45000	45000
ELD8230.585	58.5K/S2 SLR Inverter TPN	58500	58500	48750	48750
ELD8230.630	63K/S2 SLR Inverter TPN	63000	63000	52500	52500
ELD8230.675	67.5K/S2 SLR Inverter TPN	67500	67500	56250	56250
ELD8230.720	72K/S2 SLR Inverter TPN	72000	72000	60000	60000
ELD8230.765	76.5K/S2 SLR Inverter TPN	76500	76500	63750	63750
ELD8230.810	81K/S2 SLR Inverter TPN	81000	81000	67500	67500

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EMEX Power AC/AC Central Power Systems BS EN 50171:2001

Unity PF Range – Single Phase – 3 hours duration Rated 220 – 240 V 50/60 Hz

		Commercial		ICEL	
Part code	Description	VA	Watts	VA	Watts
ELD8310.015	1K5/S3 INVERTER	1500	1500	1250	1250
ELD8310.030	3K/S3 INVERTER	3000	3000	2500	2500
ELD8310.045	4K5/S3 INVERTER	4500	4500	3750	3750
ELD8310.060	6K/S3 INVERTER	6000	6000	5000	5000
ELD8310.075	7K5/S3 INVERTER	7500	7500	6250	6250
ELD8310.090	9K/S3 INVERTER	9000	9000	7500	7500
ELD8310.105	10K5/S3 INVERTER	10500	10500	8750	8750
ELD8310.120	12K/S3 INVERTER	12000	12000	10000	10000
ELD8310.135	13.5K/S3 INVERTER	13500	13500	11250	11250
ELD8310.150	15K/S3 INVERTER	15000	15000	12500	12500
ELD8310.165	16.5K/S3 INVERTER	16500	16500	13750	13750
ELD8310.180	18K/S3 INVERTER	18000	18000	15000	15000
ELD8310.195	19.5K/S3 INVERTER	19500	19500	16250	16250
ELD8310.210	21K/S3 INVERTER	21000	21000	17500	17500
ELD8310.225	22.5K/S3 INVERTER	22500	22500	18750	18750
ELD8310.240	24K/S3 INVERTER	24000	24000	20000	20000

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Unity PF Range – TPN 3 Phase – 3 hours duration Rated 400 V 50/60 Hz

		Commercial		ICEL	
Part code	Description	VA	Watts	VA	Watts
ELD8330.045	4.5K/S3 SLR Inverter TPN	4500	4500	3750	3750
ELD8330.090	9K/S3 SLR Inverter TPN	9000	9000	7500	7500
ELD8330.135	13.5K/S3 SLR Inverter TPN	13500	13500	11250	11250
ELD8330.180	18K/S3 SLR Inverter TPN	18000	18000	15000	15000
ELD8330.225	22.5K/S3 SLR Inverter TPN	22500	22500	18750	18750
ELD8330.270	27K/S3 SLR Inverter TPN	27000	27000	22500	22500
ELD8330.315	31.5K/S3 SLR Inverter TPN	31500	31500	26250	26250
ELD8330.360	36K/S3 SLR Inverter TPN	36000	36000	30000	30000
ELD8330.405	40.5K/S3 SLR Inverter TPN	40500	40500	33750	33750
ELD8330.450	45K/S3 SLR Inverter TPN	45000	45000	37500	37500
ELD8330.495	49.5K/S3 SLR Inverter TPN	49500	49500	41250	41250
ELD8330.540	54K/S3 SLR Inverter TPN	54000	54000	45000	45000
ELD8330.585	58.5K/S3 SLR Inverter TPN	58500	58500	48750	48750
ELD8330.630	63K/S3 SLR Inverter TPN	63000	63000	52500	52500
ELD8330.675	67.5K/S3 SLR Inverter TPN	67500	67500	56250	56250
ELD8330.720	72K/S3 SLR Inverter TPN	72000	72000	60000	60000
ELD8330.765	76.5K/S3 SLR Inverter TPN	76500	76500	63750	63750
ELD8330.810	81K/S3 SLR Inverter TPN	81000	81000	67500	67500

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EMEX Power AC/AC Central Power Systems BS EN 50171:2001

0.85 PF Range – Single Phase – 1 hour duration Rated 220 – 240 V 50/60 Hz

		Commercial		ICEL	
Part code	Description	VA	Watts	VA	Watts
ELD9110.015	1K5/S1 INVERTER	1500	1275	1250	1063
ELD9110.030	3K/S1 INVERTER	3000	2550	2500	2125
ELD9110.045	4K5/S1 INVERTER	4500	3825	3750	3188
ELD9110.060	6K/S1 INVERTER	6000	5100	5000	4250
ELD9110.075	7K5/S1 INVERTER	7500	6375	6250	5313
ELD9110.090	9K/S1 INVERTER	9000	7650	7500	6375
ELD9110.105	10K5/S1 INVERTER	10500	8925	8750	7438
ELD9110.120	12K/S1 INVERTER	12000	10200	10000	8500
ELD9110.135	13.5K/S1 INVERTER	13500	11475	11250	9563
ELD9110.150	15K/S1 INVERTER	15000	12750	12500	10625
ELD9110.165	16.5K/S1 INVERTER	16500	14025	13750	11688
ELD9110.180	18K/S1 INVERTER	18000	15300	15000	12750
ELD9110.195	19.5K/S1 INVERTER	19500	16575	16250	13813
ELD9110.210	21K/S1 INVERTER	21000	17850	17500	14875
ELD9110.225	22.5K/S1 INVERTER	22500	19125	18750	15938
ELD9110.240	24K/S1 INVERTER	24000	20400	20000	17000

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No. KM 542294

EMEX Power AC/AC Central Power Systems BS EN 50171:2001

0.85 PF Range – TPN 3 Phase – 1 hour duration Rated 400 V 50/60 Hz

		Commercial		ICEL	
Part code	Description	VA	Watts	VA	Watts
ELD9130.045	4.5K/S1 SLR Inverter TPN	4500	3825	3750	3188
ELD9130.090	9K/S1 SLR Inverter TPN	9000	7650	7500	6375
ELD9130.135	13.5K/S1 SLR Inverter TPN	13500	11475	11250	9563
ELD9130.180	18K/S1 SLR Inverter TPN	18000	15300	15000	12750
ELD9130.225	22.5K/S1 SLR Inverter TPN	22500	19125	18750	15938
ELD9130.270	27K/S1 SLR Inverter TPN	27000	22950	22500	19125
ELD9130.315	31.5K/S1 SLR Inverter TPN	31500	26775	26250	22313
ELD9130.360	36K/S1 SLR Inverter TPN	36000	30600	30000	25500
ELD9130.405	40.5K/S1 SLR Inverter TPN	40500	34425	33750	28688
ELD9130.450	45K/S1 SLR Inverter TPN	45000	38250	37500	31875
ELD9130.495	49.5K/S1 SLR Inverter TPN	49500	42075	41250	35063
ELD9130.540	54K/S1 SLR Inverter TPN	54000	45900	45000	38250
ELD9130.585	58.5K/S1 SLR Inverter TPN	58500	49725	48750	41438
ELD9130.630	63K/S1 SLR Inverter TPN	63000	53550	52500	44625
ELD9130.675	67.5K/S1 SLR Inverter TPN	67500	57375	56250	47813
ELD9130.720	72K/S1 SLR Inverter TPN	72000	61200	60000	51000
ELD9130.765	76.5K/S1 SLR Inverter TPN	76500	65025	63750	54188
ELD9130.810	81K/S1 SLR Inverter TPN	81000	68850	67500	57375

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EMEX Power AC/AC Central Power Systems BS EN 50171:2001

0.85 PF Range – Single Phase – 1.5 hours duration Rated 220 – 240 V 50/60 Hz

		Commercial		ICEL	
Part code	Description	VA	Watts	VA	Watts
ELD9151.015	1K5/S1.5 INVERTER	1500	1275	1250	1063
ELD9151.030	3K/S1.5 INVERTER	3000	2550	2500	2125
ELD9151.045	4K5/S1.5 INVERTER	4500	3825	3750	3188
ELD9151.060	6K/S1.5 INVERTER	6000	5100	5000	4250
ELD9151.075	7K5/S1.5 INVERTER	7500	6375	6250	5313
ELD9151.090	9K/S1.5 INVERTER	9000	7650	7500	6375
ELD9151.105	10K5/S1.5 INVERTER	10500	8925	8750	7438
ELD9151.120	12K/S1.5 INVERTER	12000	10200	10000	8500
ELD9151.135	13.5K/S1.5 INVERTER	13500	11475	11250	9563
ELD9151.150	15K/S1.5 INVERTER	15000	12750	12500	10625
ELD9151.165	16.5K/S1.5 INVERTER	16500	14025	13750	11688
ELD9151.180	18K/S1.5 INVERTER	18000	15300	15000	12750
ELD9151.195	19.5K/S1.5 INVERTER	19500	16575	16250	13813
ELD9151.210	21K/S1.5 INVERTER	21000	17850	17500	14875
ELD9151.225	22.5K/S1.5 INVERTER	22500	19125	18750	15938
ELD9151.240	24K/S1.5 INVERTER	24000	20400	20000	17000

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Kitemark™ Certificate

No. KM 542294

EMEX Power AC/AC Central Power Systems BS EN 50171:2001

0.85 PF Range – TPN 3 Phase – 1.5 hours duration Rated 400 V 50/60 Hz

		Commercial		ICEL	
Part code	Description	VA	Watts	VA	Watts
ELD9153.045	4.5K/S1.5 SLR Inverter TPN	4500	3825	3750	3188
ELD9153.090	9K/S1.5 SLR Inverter TPN	9000	7650	7500	6375
ELD9153.135	13.5K/S1.5 SLR Inverter TPN	13500	11475	11250	9563
ELD9153.180	18K/S1.5 SLR Inverter TPN	18000	15300	15000	12750
ELD9153.225	22.5K/S1.5 SLR Inverter TPN	22500	19125	18750	15938
ELD9153.270	27K/S1.5 SLR Inverter TPN	27000	22950	22500	19125
ELD9153.315	31.5K/S1.5 SLR Inverter TPN	31500	26775	26250	22313
ELD9153.360	36K/S1.5 SLR Inverter TPN	36000	30600	30000	25500
ELD9153.405	40.5K/S1.5 SLR Inverter TPN	40500	34425	33750	28688
ELD9153.450	45K/S1.5 SLR Inverter TPN	45000	38250	37500	31875
ELD9153.495	49.5K/S1.5 SLR Inverter TPN	49500	42075	41250	35063
ELD9153.540	54K/S1.5 SLR Inverter TPN	54000	45900	45000	38250
ELD9153.585	58.5K/S1.5 SLR Inverter TPN	58500	49725	48750	41438
ELD9153.630	63K/S1.5 SLR Inverter TPN	63000	53550	52500	44625
ELD9153.675	67.5K/S1.5 SLR Inverter TPN	67500	57375	56250	47813
ELD9153.720	72K/S1.5 SLR Inverter TPN	72000	61200	60000	51000
ELD9153.765	76.5K/S1.5 SLR Inverter TPN	76500	65025	63750	54188
ELD9153.810	81K/S1.5 SLR Inverter TPN	81000	68850	67500	57375

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Kitemark™ Certificate

No. KM 542294

EMEX Power AC/AC Central Power Systems BS EN 50171:2001

0.85 PF Range – Single Phase – 2 hours duration Rated 220 – 240 V 50/60 Hz

		Commercial		ICEL	
Part code	Description	VA	Watts	VA	Watts
ELD9210.015	1K5/S2 INVERTER	1500	1275	1250	1063
ELD9210.030	3K/S2 INVERTER	3000	2550	2500	2125
ELD9210.045	4K5/S2 INVERTER	4500	3825	3750	3188
ELD9210.060	6K/S2 INVERTER	6000	5100	5000	4250
ELD9210.075	7K5/S2 INVERTER	7500	6375	6250	5313
ELD9210.090	9K/S2 INVERTER	9000	7650	7500	6375
ELD9210.105	10K5/S2 INVERTER	10500	8925	8750	7438
ELD9210.120	12K/S2 INVERTER	12000	10200	10000	8500
ELD9210.135	13.5K/S2 INVERTER	13500	11475	11250	9563
ELD9210.150	15K/S2 INVERTER	15000	12750	12500	10625
ELD9210.165	16.5K/S2 INVERTER	16500	14025	13750	11688
ELD9210.180	18K/S2 INVERTER	18000	15300	15000	12750
ELD9210.195	19.5K/S2 INVERTER	19500	16575	16250	13813
ELD9210.210	21K/S2 INVERTER	21000	17850	17500	14875
ELD9210.225	22.5K/S2 INVERTER	22500	19125	18750	15938
ELD9210.240	24K/S2 INVERTER	24000	20400	20000	17000

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No. KM 542294

EMEX Power AC/AC Central Power Systems BS EN 50171:2001

0.85 PF Range – TPN 3 Phase – 2 hours duration Rated 400 V 50/60 Hz

		Commercial		ICEL	
Part code	Description	VA	Watts	VA	Watts
ELD9230.045	4.5K/S2 SLR Inverter TPN	4500	3825	3750	3188
ELD9230.090	9K/S2 SLR Inverter TPN	9000	7650	7500	6375
ELD9230.135	13.5K/S2 SLR Inverter TPN	13500	11475	11250	9563
ELD9230.180	18K/S2 SLR Inverter TPN	18000	15300	15000	12750
ELD9230.225	22.5K/S2 SLR Inverter TPN	22500	19125	18750	15938
ELD9230.270	27K/S2 SLR Inverter TPN	27000	22950	22500	19125
ELD9230.315	31.5K/S2 SLR Inverter TPN	31500	26775	26250	22313
ELD9230.360	36K/S2 SLR Inverter TPN	36000	30600	30000	25500
ELD9230.405	40.5K/S2 SLR Inverter TPN	40500	34425	33750	28688
ELD9230.450	45K/S2 SLR Inverter TPN	45000	38250	37500	31875
ELD9230.495	49.5K/S2 SLR Inverter TPN	49500	42075	41250	35063
ELD9230.540	54K/S2 SLR Inverter TPN	54000	45900	45000	38250
ELD9230.585	58.5K/S2 SLR Inverter TPN	58500	49725	48750	41438
ELD9230.630	63K/S2 SLR Inverter TPN	63000	53550	52500	44625
ELD9230.675	67.5K/S2 SLR Inverter TPN	67500	57375	56250	47813
ELD9230.720	72K/S2 SLR Inverter TPN	72000	61200	60000	51000
ELD9230.765	76.5K/S2 SLR Inverter TPN	76500	65025	63750	54188
ELD9230.810	81K/S2 SLR Inverter TPN	81000	68850	67500	57375

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EMEX Power AC/AC Central Power Systems BS EN 50171:2001

0.85 PF Range – Single Phase – 3 hours duration Rated 220 – 240 V 50/60 Hz

		Commercial		ICEL	
Part code	Description	VA	Watts	VA	Watts
ELD9310.015	1K5/S3 INVERTER	1500	1275	1250	1063
ELD9310.030	3K/S3 INVERTER	3000	2550	2500	2125
ELD9310.045	4K5/S3 INVERTER	4500	3825	3750	3188
ELD9310.060	6K/S3 INVERTER	6000	5100	5000	4250
ELD9310.075	7K5/S3 INVERTER	7500	6375	6250	5313
ELD9310.090	9K/S3 INVERTER	9000	7650	7500	6375
ELD9310.105	10K5/S3 INVERTER	10500	8925	8750	7438
ELD9310.120	12K/S3 INVERTER	12000	10200	10000	8500
ELD9310.135	13.5K/S3 INVERTER	13500	11475	11250	9563
ELD9310.150	15K/S3 INVERTER	15000	12750	12500	10625
ELD9310.165	16.5K/S3 INVERTER	16500	14025	13750	11688
ELD9310.180	18K/S3 INVERTER	18000	15300	15000	12750
ELD9310.195	19.5K/S3 INVERTER	19500	16575	16250	13813
ELD9310.210	21K/S3 INVERTER	21000	17850	17500	14875
ELD9310.225	22.5K/S3 INVERTER	22500	19125	18750	15938
ELD9310.240	24K/S3 INVERTER	24000	20400	20000	17000

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No. KM 542294

EMEX Power AC/AC Central Power Systems BS EN 50171:2001

0.85 PF Range – TPN 3 Phase – 3 hours duration Rated 400 V 50/60 Hz

		Commercial		ICEL	
Part code	Description	VA	Watts	VA	Watts
ELD9330.045	4.5K/S3 SLR Inverter TPN	4500	3825	3750	3188
ELD9330.090	9K/S3 SLR Inverter TPN	9000	7650	7500	6375
ELD9330.135	13.5K/S3 SLR Inverter TPN	13500	11475	11250	9563
ELD9330.180	18K/S3 SLR Inverter TPN	18000	15300	15000	12750
ELD9330.225	22.5K/S3 SLR Inverter TPN	22500	19125	18750	15938
ELD9330.270	27K/S3 SLR Inverter TPN	27000	22950	22500	19125
ELD9330.315	31.5K/S3 SLR Inverter TPN	31500	26775	26250	22313
ELD9330.360	36K/S3 SLR Inverter TPN	36000	30600	30000	25500
ELD9330.405	40.5K/S3 SLR Inverter TPN	40500	34425	33750	28688
ELD9330.450	45K/S3 SLR Inverter TPN	45000	38250	37500	31875
ELD9330.495	49.5K/S3 SLR Inverter TPN	49500	42075	41250	35063
ELD9330.540	54K/S3 SLR Inverter TPN	54000	45900	45000	38250
ELD9330.585	58.5K/S3 SLR Inverter TPN	58500	49725	48750	41438
ELD9330.630	63K/S3 SLR Inverter TPN	63000	53550	52500	44625
ELD9330.675	67.5K/S3 SLR Inverter TPN	67500	57375	56250	47813
ELD9330.720	72K/S3 SLR Inverter TPN	72000	61200	60000	51000
ELD9330.765	76.5K/S3 SLR Inverter TPN	76500	65025	63750	54188
ELD9330.810	81K/S3 SLR Inverter TPN	81000	68850	67500	57375

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Kitemark™ Certificate

No. KM 542294

EMEX Power AC/AC Central Power Systems BS EN 50171:2001

Unity PF SPN 1 Phase – 1 / 2 / 3-hour duration Rated 220 – 240 V 50/60 Hz

		Commercial		ICEL	
Part code	Description	VA	Watts	VA	Watts
ELD8000.015	Mini EMEX CPS	1500	1 hr 1200 2 hr 700 3 hr 525	1250	1 hr 960 2 hr 560 3 hr 420

The following suffixes may appear after the standard product codes

T = denotes 'Thomas & Betts' branding

NL = denotes 'Van Lien' branding

U = denotes 'USA' batteries

60 = '60Hz' product

Test reports / References applicable to the certification

Report 8943538 Rev 2

Report 247/7279920

Report 247/7393240

Report 2405/3497416

Reference 2414/7731432

Reference 2413/7914359

Reference 2413/8181247

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Kitemark™ Certificate

No. KM 542294

EMEX 220 AC/DC Central Power Systems

BS EN 50171:2021 in conjunction with BS EN 61439:2011 and BS EN 62485-2:2018

BSI Test report: 5092410

Specifications:

Rated input: 230 V AC, 50/60 Hz, 35 A, up to 5 kW, Unity PF

Rated output voltage: 230 V AC or 216 V DC, up to 5 kW

Protection Class: Class I

IP rating: IP31

IK rating IK07

Environmental conditions: 0 – 40 °C, 5 – 95 % RH

Lead acid battery technology only

Duration: 1.5 h and 3 h versions (other combinations are considered see nomenclature)

Maximum 24 circuits.

BSI Test report: 5092440

Specifications:

Rated input: 230 V AC, 50/60 Hz, 119 A, up to 20kW, Unity PF

Rated output voltage: 230 V AC or 216 V DC, 92 A up to 20 kW

Protection Class: Class I

IP rating: IP31

IK rating IK07

Environmental conditions: 0 – 40 °C, 5 – 95 % RH

Lead acid battery technology only.

Duration: 3 h versions (other combinations are considered see nomenclature)

Maximum 6 circuits.

Additional models are considered to be included on this certificate based on the nomenclature below.

ELD7BCD.EEEH

B may be 1 or 15 or 2 or 3 (Duration: 1 = 1 hour; 15 = 1.5 hour, 2 = 2 hour, 3 = 3 hour)

C may be 1 or 3 (Input number of phases)

D may be 0 or omitted (Additional digit to ensure first half of the model number is 4 characters long)

EEE may be any number between 000 and 200 (Rated power in kW times 0.1)

H may be B or TS (Additional suffix: B = Battery kit, TS = Touchscreen)

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		Commercial		ICEL	
Part code	Description	VA	Watts	VA	Watts
ELD7151.010	1.0KW 1.5HR SPN 220VAC/DC CAB	1000	1000	833	833
ELD7151.020	2.0KW 1.5HR SPN 220VAC/DC CAB	2000	2000	1667	1667
ELD7151.030	3.0KW 1.5HR SPN 220VAC/DC CAB	3000	3000	2500	2500
ELD7151.040	4.0KW 1.5HR SPN 220VAC/DC CAB	4000	4000	3333	3333
ELD7151.050	5.0KW 1.5HR SPN 220VAC/DC CAB	5000	5000	4167	4167
ELD7151.060	6.0KW 1.5HR SPN 220VAC/DC CAB	6000	6000	5000	5000
ELD7151.070	7.0KW 1.5HR SPN 220VAC/DC CAB	7000	7000	5833	5833
ELD7151.080	8.0KW 1.5HR SPN 220VAC/DC CAB	8000	8000	6667	6667
ELD7151.090	9.0KW 1.5HR SPN 220VAC/DC CAB	9000	9000	7500	7500
ELD7151.100	10.0KW 1.5HR SPN 220VAC/DC CAB	10000	10000	8333	8333
ELD7151.110	11.0KW 1.5HR SPN 220VAC/DC CAB	11000	11000	9167	9167
ELD7151.120	12.0KW 1.5HR SPN 220VAC/DC CAB	12000	12000	10000	10000
ELD7151.130	13.0KW 1.5HR SPN 220VAC/DC CAB	13000	13000	10833	10833
ELD7151.140	14.0KW 1.5HR SPN 220VAC/DC CAB	14000	14000	11667	11667
ELD7151.150	15.0KW 1.5HR SPN 220VAC/DC CAB	15000	15000	12500	12500
ELD7151.160	16.0KW 1.5HR SPN 220VAC/DC CAB	16000	16000	13333	13333
ELD7151.170	17.0KW 1.5HR SPN 220VAC/DC CAB	17000	17000	14167	14167
ELD7151.180	18.0KW 1.5HR SPN 220VAC/DC CAB	18000	18000	15000	15000
ELD7151.190	19.0KW 1.5HR SPN 220VAC/DC CAB	19000	19000	15833	15833
ELD7151.200	20.0KW 1.5HR SPN 220VAC/DC CAB	20000	20000	16667	16667
ELD7310.010	1.0KW 3HR SPN 220VAC/DC CAB	1000	1000	833	833
ELD7310.020	2.0KW 3HR SPN 220VAC/DC CAB	2000	2000	1667	1667
ELD7310.030	3.0KW 3HR SPN 220VAC/DC CAB	3000	3000	2500	2500
ELD7310.040	4.0KW 3HR SPN 220VAC/DC CAB	4000	4000	3333	3333
ELD7310.050	5.0KW 3HR SPN 220VAC/DC CAB	5000	5000	4167	4167
ELD7310.060	6.0KW 3HR SPN 220VAC/DC CAB	6000	6000	5000	5000

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ELD7310.070	7.0KW 3HR SPN 220VAC/DC CAB	7000	7000	5833	5833
ELD7310.080	8.0KW 3HR SPN 220VAC/DC CAB	8000	8000	6667	6667
ELD7310.090	9.0KW 3HR SPN 220VAC/DC CAB	9000	9000	7500	7500
ELD7310.100	10.0KW 3HR SPN 220VAC/DC CAB	10000	10000	8333	8333
ELD7310.110	11.0KW 3HR SPN 220VAC/DC CAB	11000	11000	9167	9167
ELD7310.120	12.0KW 3HR SPN 220VAC/DC CAB	12000	12000	10000	10000
ELD7310.130	13.0KW 3HR SPN 220VAC/DC CAB	13000	13000	10833	10833
ELD7310.140	14.0KW 3HR SPN 220VAC/DC CAB	14000	14000	11667	11667
ELD7310.150	15.0KW 3HR SPN 220VAC/DC CAB	15000	15000	12500	12500
ELD7310.160	16.0KW 3HR SPN 220VAC/DC CAB	16000	16000	13333	13333
ELD7310.170	17.0KW 3HR SPN 220VAC/DC CAB	17000	17000	14167	14167
ELD7310.180	18.0KW 3HR SPN 220VAC/DC CAB	18000	18000	15000	15000
ELD7310.190	19.0KW 3HR SPN 220VAC/DC CAB	19000	19000	15833	15833
ELD7310.200	20.0KW 3HR SPN 220VAC/DC CAB	20000	20000	16667	16667

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Kitemark™ Certificate

No. KM 542294

Accessories for use with the EMEX 220 AC/DC Central Power Systems

Type reference	Model reference	Input voltage / frequency	Report no
2-way MXC2.0 Panel 8 circuit substation*	ELD9500.033	230V 50Hz	30335518
4-way MXC2.0 Panel 16 circuit substation*	ELD9500.034	230V 50Hz	30335518
6 way MXC2.0 Panel 24 circuit substation*	ELD9500.035	230V 50Hz	30335518
2-way MXC2.0 Panel 8 circuit substation*	ELD9500.033/60	230V 60Hz	30335518
4-way MXC2.0 Panel 16 circuit substation*	ELD9500.034/60	230V 60Hz	30335518
6 way MXC2.0 Panel 24 circuit substation*	ELD9500.035/60	230V 60Hz	30335518

* The distribution panels detailed within this certificate are only available up to 5 kW power rating, if a distribution panel is required for a system higher than 5 kW then additional panels are to be added, where required, to account for the higher power demands of larger systems.

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**ELD 9500 interface units for use in the EMEX Power AC/AC Central Power Systems to
BS EN 61347-1:2015, BS EN 61347-2-11:2002 and BS EN 60598-1:2015**

Type reference	Model reference	Input voltage / frequency	Ta rating	Report no
MXD 50/60Hz 4 Way interface	ELD9500.016	230-240V 50/60Hz	40°C	8883070
MXC Substation	ELD9500.032	230-240V 50Hz	40°C	3497416 Rev 1
	ELD9500.032-60	230-240V 60Hz		
	ELD9500.032/IP55	230-240V 50/60Hz	40°C	3497416 Rev 1
	ELD9500.032-60/IP55	230-240V 60Hz	40°C	3497416 Rev 1
MXE 2 Way 500W Lamp Interface	ELD9500.046	230-240V 50/60Hz	40°C	9773298
MXE Single 1000W Lamp Interface	ELD9500.047	230-240V 50/60Hz		

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