

Manufacturer's name : Phihong Technology Co., Ltd.
Commercial registration number: 30435973
Address: No. 568, Fuxing 3rd Rd., Guishan Dist., Taoyuan City 33383, Taiwan

**COMMISSION REGULATION (EU) 2019/1782
of 1 October 2019**

**laying down ecodesign requirements for external power supplies pursuant to Directive 2009/125/EC
of the European Parliament and of the Council and repealing Commission Regulation (EC)
No 278/2009**

Information published

PNAME	Input voltage (Vac)	Input AC frequency (Hz)	Output voltage (Vdc)	Output current (A)	Output power (W)	Average active efficiency	Efficiency at low load(10%)	NO load (W)
1504941-0001	230	50	12	2.99	35.88	88.38%	83.59%	0.2614
1504941-0001	230	50	48	0.82	39.36	88.38%	83.59%	0.2614
1505842-0001	230	50	12	2.08	24.96	88.38%	83.59%	0.2614
1505842-0001	230	50	30	1.67	50.1	88.38%	83.59%	0.2614
AA03E-090A-R	230	50	9	0.305	3	77.40%	70.33%	0.024
AA03K-090A-R	230	50	9	0.305	3	77.40%	70.33%	0.024
AA10E-050A-R	230	50	5	2	10	81.10%	78.50%	0.059
AA10K-050A-R	230	50	5	2	10	81.10%	78.50%	0.059
AA120B-120B1-R	230	50	12	10	120	89.10%	87.31%	0.0677
AA120M-120B-R	230	50	12	9	108	89.09%	87.14%	0.0728
AA120M-240B-R	230	50	24	5	120	90.82%	86.73%	0.0906
AA120M-480B-R	230	50	48	2.5	120	91.30%	87.95%	0.0891
AA120M-540B-R	230	50	54	2.22	120	91.19%	87.10%	0.0741
AA120U-120B1-R	230	50	12	10	120	89.10%	87.31%	0.0677
AA120U-120B-R	230	50	12	9	108	89.09%	87.14%	0.0728
AA120U-240B-R	230	50	24	5	120	90.82%	86.73%	0.0906
AA120U-480B-R	230	50	48	2.5	120	91.30%	87.95%	0.0891
AA120U-540B-R	230	50	54	2.22	120	91.19%	87.10%	0.0741
AA120W-120B1-R	230	50	12	10	120	89.10%	87.31%	0.0677
AA120W-120B-R	230	50	12	9	108	89.09%	87.14%	0.0728
AA120W-240B-R	230	50	24	5	120	90.82%	86.73%	0.0906
AA120W-480B-R	230	50	48	2.5	120	91.30%	87.95%	0.0891
AA120W-540B-R	230	50	54	2.22	120	91.19%	87.10%	0.0741
AA12E-120A-R	230	50	12	1	12	84.20%	80.50%	0.055
AA150M-240B-R	230	50	24	6.25	21.25	91.91%	83.15%	0.0665
AA150M-480B-R	230	50	48	3.12	150	91.83%	83.77%	0.1076
AA150M-540B-R	230	50	54	2.778	150	91.83%	83.77%	0.1076
AA18E-120GVS1-R	230	50	12	1.5	18	86.69%	81.51%	0.052
AA18E-120GVS1-R	230	50	12	1.5	18	86.69%	81.51%	0.052
AA18K-120GVS1-R	230	50	12	1.5	18	86.69%	81.51%	0.052
AA18K-120GVS1-R	230	50	12	1.5	18	86.69%	81.51%	0.052
AA20R-120A-R	230	50	12	1.67	20.04	86.61%	81.63%	0.0628
AA20R-240A-R	230	50	24	0.83	19.92	87.16%	79.05%	0.0685
AA20R-480A-R	230	50	48	0.42	20.16	86.78%	76.71%	0.0575
AA27E-59CFKA-R	230	50	20	1.35	27	89.31%	79.77%	0.0224
AA27E-59CFKA-R	230	50	5	3	15	86.21%	81.70%	0.0224
AA27E-59CFKA-R	230	50	12	2.25	27	89.81%	82.49%	0.0224
AA27E-59CFKA-R	230	50	15	1.8	27	89.81%	82.49%	0.0224
AA27E-59CFKA-R	230	50	9	3	27	88.79%	93.90%	0.0224
AA27K-59CFKA-R	230	50	20	1.35	27	89.31%	79.77%	0.0224
AA27K-59CFKA-R	230	50	5	3	15	86.21%	81.70%	0.0224
AA27K-59CFKA-R	230	50	12	2.25	27	89.81%	82.49%	0.0224
AA27K-59CFKA-R	230	50	15	1.8	27	89.81%	82.49%	0.0224
AA27K-59CFKA-R	230	50	9	3	27	88.79%	93.90%	0.0224
AA280U-200A-R	230	50	20	14	280	93.96%	87.73%	0.1406

Manufacturer's name : Pihong Technology Co., Ltd.
Commercial registration number: 30435973
Address: No. 568, Fuxing 3rd Rd., Guishan Dist., Taoyuan City 33383, Taiwan

**COMMISSION REGULATION (EU) 2019/1782
of 1 October 2019**

**laying down ecodesign requirements for external power supplies pursuant to Directive 2009/125/EC
of the European Parliament and of the Council and repealing Commission Regulation (EC)
No 278/2009**

Information published

PNAME	Input voltage (Vac)	Input AC frequency (Hz)	Output voltage (Vdc)	Output current (A)	Output power (W)	Average active efficiency	Efficiency at low load(10%)	NO load (W)
1504941-0001	230	50	12	2.99	35.88	88.38%	83.59%	0.2614
AA280U-200B-R	230	50	20	14	280	93.77%	89.36%	0.142
AA280U-200C-R	230	50	20	14	280	93.77%	89.36%	0.142
AA30E-120A-R	230	50	12	2.5	30	88.64%	83.84%	0.064
AA30E-120AWA-R	230	50	12	2.5	30	88.64%	83.84%	0.064
AA30E-120AWT-R	230	50	12	2.5	30	88.64%	83.84%	0.064
AA36U-120B-R	230	50	12	3	36	90.20%	88.56%	0.0346
AA36U-240B-R	230	50	24	1.5	36	89.50%	83.35%	0.07
AA45E-59FKB-R	230	50	5	3	15	82.80%	80.27%	0.0552
AA45E-59FKB-R	230	50	20	2.25	45	90.21%	81.68%	0.0552
AA45E-59FKBW-R	230	50	5	3	15	82.80%	80.27%	0.0552
AA45E-59FKBW-R	230	50	20	2.25	45	90.21%	81.68%	0.0552
AA45E-59FKC-RW	230	50	5	3	15	82.80%	80.27%	0.0552
AA45E-59FKC-RW	230	50	9	3	27	82.80%	80.27%	0.0552
AA45E-59FKC-RW	230	50	15	3	45	82.80%	80.27%	0.0552
AA45E-59FKC-RW	230	50	20	2.25	45	82.80%	80.27%	0.0552
AA45E-59FKD1-RW	230	50	5	3	15	83.58%	82.65%	0.0308
AA45E-59FKD1-RW	230	50	20	2.25	45	90.81%	83.16%	0.0308
AA45K-59FKB-H	230	50	5	3	15	82.80%	80.27%	0.0552
AA45K-59FKB-H	230	50	20	2.25	45	90.21%	81.68%	0.0552
AA45K-59FKB-R	230	50	5	3	15	82.80%	80.27%	0.0552
AA45K-59FKB-R	230	50	20	2.25	45	90.21%	81.68%	0.0552
AA60M-59FKA-R	230	50	20	3	60	91.22%	83.19%	0.0615
AA60M-59FKA-R	230	50	5	3	15	85.76%	84.74%	0.0615
AA60W-59FKA-R	230	50	20	3	60	91.22%	83.19%	0.0615
AA60W-59FKA-R	230	50	5	3	15	85.76%	84.74%	0.0615
AA65M-180A-R	230	50	18	3.61	64.98	90.09%	85.42%	0.0816
AA65M-190A-R	230	50	18	3.61	64.98	90.09%	85.42%	0.0816
AA65M-480A-R	230	50	48	1.35	64.8	91.52%	85.86%	0.1145
AA65M-540A-R	230	50	48	1.35	64.8	91.52%	85.86%	0.1145
AA65M-59FKA-R	230	50	20	3.25	65	91.40%	83.81%	0.0619
AA65M-59FKA-R	230	50	5	3	15	85.52%	84.26%	0.0619
AA65M-59FKB-R	230	50	20	3.25	65	86.05%	85.36%	0.0528
AA65U-180A-R	230	50	18	3.61	64.98	90.09%	85.42%	0.0816
AA65U-190A-R	230	50	18	3.61	64.98	90.09%	85.42%	0.0816
AA65U-480A-R	230	50	48	1.35	64.8	91.52%	85.86%	0.1145
AA65U-540A-R	230	50	48	1.35	64.8	91.52%	85.86%	0.1145
AA65W-180A-R	230	50	18	3.61	64.98	90.09%	85.42%	0.0816
AA65W-190A(H6)-R	230	50	18	3.61	64.98	90.09%	85.42%	0.0816
AA65W-190A(H7)-R	230	50	18	3.61	64.98	90.09%	85.42%	0.0816
AA65W-190A-R	230	50	18	3.61	64.98	90.09%	85.42%	0.0816
AA65W-480A-R	230	50	48	1.35	64.8	91.52%	85.86%	0.1145
AA65W-540A-R	230	50	48	1.35	64.8	91.52%	85.86%	0.1145
AA65W-59FKA-R	230	50	20	3.25	65	91.40%	83.81%	0.0619
AA65W-59FKA-R	230	50	5	3	15	85.52%	84.26%	0.0619
AA90U-120AC-R	230	50	12	7.5	90	89.10%	89.80%	0.0911

Manufacturer's name : Pihong Technology Co., Ltd.
Commercial registration number: 30435973
Address: No. 568, Fuxing 3rd Rd., Guishan Dist., Taoyuan City 33383, Taiwan

**COMMISSION REGULATION (EU) 2019/1782
of 1 October 2019**

**laying down ecodesign requirements for external power supplies pursuant to Directive 2009/125/EC
of the European Parliament and of the Council and repealing Commission Regulation (EC)
No 278/2009**

Information published

PNAME	Input voltage (Vac)	Input AC frequency (Hz)	Output voltage (Vdc)	Output current (A)	Output power (W)	Average active efficiency	Efficiency at low load(10%)	NO load (W)
1504941-0001	230	50	12	2.99	35.88	88.38%	83.59%	0.2614
AA90U-120B-R	230	50	12	7.5	90	90.40%	89.50%	0.085
AA90U-190B-R	230	50	19	4.74	90.06	91.30%	89.50%	0.115
AA90U-240B-R	230	50	24	3.75	90	90.40%	89.50%	0.085
AA90U-480B-R	230	50	48	1.875	90	90.40%	89.50%	0.085
AA90U-540B-R	230	50	54	1.67	90.18	91.30%	87.60%	0.134
AA90U-540B-R	230	50	54	1.67	90.18	91.30%	87.61%	0.134
AA90W-120B-R	230	50	12	7.5	90	90.40%	89.50%	0.085
AA90W-190B-R	230	50	19	4.74	90.06	91.30%	89.50%	0.115
AA90W-240B-R	230	50	24	3.75	90	90.40%	89.50%	0.085
AA90W-480B-R	230	50	48	1.875	90	90.40%	89.50%	0.085
AA90W-540B-R	230	50	54	1.67	90.18	91.30%	87.60%	0.134
AA90W-540B-R	230	50	54	1.67	90.18	91.30%	87.61%	0.134
AC100-03	230	50	20	5	100	85.37%	82.92%	0.0595
AD-G50300UE	230	50	5	3	15	84.00%	78.70%	0.06
AM03E-050A-H	230	50	5	0.55	2.75	70.02%	62.61%	0.037
AM04R-059C-R	230	50	5.9	0.75	4.425	76.02%	65.03%	0.049
AM05A-050A-R	230	50	5	1	5	76.59%	66.80%	0.033
AM05E-050A-R	230	50	5	1	5	70.00%	66.90%	0.045
AM05E-050C-R	230	50	5	1	5	75.37%	68.43%	0.0244
AM05E-050D-R	230	50	5	1	5	75.52%	70.00%	0.0509
AM05E-050I-R	230	50	5	1	5	76.20%	67.80%	0.021
AM05E-075A(GN)-H	230	50	7.5	0.65	4.875	80.95%	71.99%	0.028
AM05E-120A-R	230	50	12	0.4	4.8	83.02%	69.70%	0.062
AM05K-050A-R	230	50	5	1	5	76.90%	66.90%	0.022
AM05K-050C-R	230	50	5	1	5	75.37%	68.43%	0.0244
AM05K-050I-R	230	50	5	1	5	76.20%	67.80%	0.021
AM05K-075A(GN)-H	230	50	7.5	0.65	4.875	80.95%	71.99%	0.028
AM05R-050C-R	230	50	5	1	5	75.37%	68.43%	0.0244
AM05R-050I-R	230	50	5	1	5	74.90%	67.50%	0.022
AM05R-075A(GN)-H	230	50	7.5	0.65	4.875	80.00%	71.10%	0.027
AM08E-050B-R	230	50	5	1.5	7.5	78.36%	72.00%	0.046
AM08K-050B-R	230	50	5	1.5	7.5	78.36%	72.00%	0.046
AM08R-050B-R	230	50	5	1.5	7.5	78.13%	73.66%	0.047
AM10E-095B-R	230	50	9.5	1	9.5	83.65%	75.45%	0.0504
AM10K-095B-R	230	50	9.5	1	9.5	83.65%	75.45%	0.0504
AM10W-095C-R	230	50	9.5	1	9.5	83.00%	76.18%	0.0469
AM11E-050A-R	230	50	5	2.2	11	82.01%	82.64%	0.0463
AM11K-050A-R	230	50	5	2.2	11	82.01%	82.64%	0.0463
AM13E-220A-H	230	50	22	0.6	13.2	86.60%	79.70%	0.048
AM15E-050A-R	230	50	5	3	15	83.11%	81.77%	0.069
AM15K-050A-R	230	50	5	3	15	83.11%	81.77%	0.069
AM18E-300A-H	230	50	30	0.6	18	86.80%	80.00%	0.059
AM18K-300A-H	230	50	30	0.6	18	86.80%	80.00%	0.059
AM24E-120F-R	230	50	12	2	24	88.20%	80.72%	0.051
AM24W-080B-R	230	50	8	3	24	88.40%	84.37%	0.0283

Manufacturer's name : Phihong Technology Co., Ltd.
Commercial registration number: 30435973
Address: No. 568, Fuxing 3rd Rd., Guishan Dist., Taoyuan City 33383, Taiwan

**COMMISSION REGULATION (EU) 2019/1782
of 1 October 2019**

**laying down ecodesign requirements for external power supplies pursuant to Directive 2009/125/EC
of the European Parliament and of the Council and repealing Commission Regulation (EC)
No 278/2009**

Information published

PNAME	Input voltage (Vac)	Input AC frequency (Hz)	Output voltage (Vdc)	Output current (A)	Output power (W)	Average active efficiency	Efficiency at low load(10%)	NO load (W)
1504941-0001	230	50	12	2.99	35.88	88.38%	83.59%	0.2614
AM24W-080I-R	230	50	8	3	24	86.80%	84.80%	0.024
AM32W-080A-R	230	50	8	4	32	89.00%	86.15%	0.0516
AM32W-080I-R	230	50	8	4	32	88.80%	88.00%	0.055
AM45M-59FKB-RW	230	50	5	3	45	84.70%	84.86%	0.033
AM50U-480A-R	230	50	48	1.042	50.016	91.10%	85.80%	0.075
AM66U-120A-R	230	50	12	5.5	66	89.66%	86.10%	0.0902
AM70U-240A-R	230	50	24	2.92	70.08	90.96%	87.76%	0.0908
AM85W-240A-R	230	50	24	3.54	84.96	90.67%	89.88%	0.115
AN05E-050A-R	230	50	5	1	5	76.49%	67.22%	0.029
AN05K-050A-R	230	50	5	1	5	76.49%	67.22%	0.029
AN10A-050DVC1-HW	230	50	5	2	10	82.51%	78.48%	0.0598
AN10A-050Q1-HW	230	50	5	2	10	82.51%	78.48%	0.0598
AN10A-050Q-HW	230	50	5	2	10	82.51%	78.48%	0.0598
AN10E-0501P-H	230	50	5	2	10	80.58%	78.26%	0.0272
AN10E-050B-HW	230	50	5	2	10	80.04%	76.75%	0.025
AN10E-050BM-HW	230	50	5	2	10	83.30%	77.80%	0.023
AN10E-050D-H	230	50	5	2	10	83.69%	78.13%	0.061
AN10E-050DVC1-H	230	50	5	2	10	83.69%	78.13%	0.061
AN10E-050M-H	230	50	5	2	10	82.17%	82.83%	0.027
AN10E-050P-H	230	50	5	2	10	80.58%	78.26%	0.0272
AN10E-050P-H	230	50	5	2	10	80.58%	78.26%	0.0272
AN10H-050M-H	230	50	5	2	10	82.43%	84.38%	0.022
AN10K-050B-HW	230	50	5	2	10	83.30%	77.80%	0.023
AN14R-055A-R	230	50	5.5	2.5	13.75	81.90%	76.61%	0.0732
AN14R-055A-RW	230	50	5.5	2.5	13.75	81.90%	76.61%	0.0732
AN14R-055AW-RW	230	50	5.5	2.5	13.75	81.90%	76.61%	0.0732
AN18E-090A-H	230	50	9	2	18	85.90%	80.80%	0.017
AN18E-090A-H	230	50	5	3	15	83.10%	82.20%	0.017
AN18E-59G-H	230	50	9	2	18	88.19%	81.96%	0.0154
AN18E-59G-H	230	50	5	3	15	85.15%	83.04%	0.0154
AN18E-59H-H	230	50	5	3	18	83.10%	82.20%	0.017
AN18E-59H-H	230	50	9	2	18	83.10%	82.20%	0.017
AN18I-59G-H	230	50	9	2	18	88.19%	81.96%	0.0154
AN18K-090A-H	230	50	9	2	18	85.90%	80.80%	0.017
AN18K-090A-H	230	50	5	3	15	83.10%	82.20%	0.017
AN18K-59G-H	230	50	9	2	18	88.19%	81.96%	0.0154
AN18V-59CB-R	230	50	5	3	15	81.92%	79.82%	0.015
AN18V-59CFA-H	230	50	5	3	15	83.66%	82.11%	0.015
AN23E-100E-HW	230	50	5	2	10	84.80%	73.79%	0.0508
AN23E-100E-HW	230	50	9	2	18	87.57%	84.86%	0.0508
AN23E-100E-HW	230	50	10	2.25	22.5	87.60%	85.18%	0.0508
AN24E-59CA-H	230	50	12	2	24	88.40%	80.10%	0.023
AN24E-59CA-H	230	50	5	3	15	84.50%	80.50%	0.023
AN24K-59CA-H	230	50	12	2	24	88.40%	80.10%	0.023
AN24K-59CA-H	230	50	5	3	15	84.50%	80.50%	0.023

Manufacturer's name : Pihong Technology Co., Ltd.
Commercial registration number: 30435973
Address: No. 568, Fuxing 3rd Rd., Guishan Dist., Taoyuan City 33383, Taiwan

**COMMISSION REGULATION (EU) 2019/1782
of 1 October 2019**

**laying down ecodesign requirements for external power supplies pursuant to Directive 2009/125/EC
of the European Parliament and of the Council and repealing Commission Regulation (EC)
No 278/2009**

Information published

PNAME	Input voltage (Vac)	Input AC frequency (Hz)	Output voltage (Vdc)	Output current (A)	Output power (W)	Average active efficiency	Efficiency at low load(10%)	NO load (W)
1504941-0001	230	50	12	2.99	35.88	88.38%	83.59%	0.2614
AN45E-59CFKCB-H	230	50	5	3	15	84.97%	81.50%	0.0344
AN45E-59CFKCB-H	230	50	9	3	27	84.97%	81.50%	0.0344
AN45E-59CFKCB-H	230	50	15	3	45	84.97%	81.50%	0.0344
AN45E-59CFKCB-H	230	50	20	2.25	45	84.97%	81.50%	0.0344
AN45E-59CFKCB-H	230	50	5	3	15	84.97%	81.50%	0.0344
AN45E-59CFKCB-H	230	50	9	3	27	84.97%	81.50%	0.0344
AN45E-59CFKCB-H	230	50	15	3	45	84.97%	81.50%	0.0344
AN45E-59CFKCB-H	230	50	20	2.25	45	84.97%	81.50%	0.0344
AN60W-59FKKA-R	230	50	5	3	15	85.56%	84.85%	0.0401
AN60W-59FKKA-R	230	50	9	3	27	85.56%	84.85%	0.0401
AN60W-59FKKA-R	230	50	15	3	45	85.56%	84.85%	0.0401
AN60W-59FKKA-R	230	50	20	3	60	85.56%	84.85%	0.0401
AN65E-59FKB-R	230	50	5	3	15	84.40%	76.40%	0.075
AN65E-59FKB-R	230	50	20	3.25	65	91.60%	88.70%	0.075
AQ05E-050B-R	230	50	5	1	5	75.95%	71.00%	0.032
AQ05V-050A-R	230	50	5	1	5	76.04%	68.25%	0.0393
AQ15E-050A-H	230	50	5	3	15	76.40%	77.00%	0.038
AQ15E-050B-H	230	50	5	3	15	84.00%	78.70%	0.06
AQ15E-050BW-H	230	50	5	3	15	84.00%	78.70%	0.06
AQ15E-050BW-H	230	50	5	3	15	85.10%	79.06%	0.06
AQ15K-050BW-H	230	50	5	3	15	85.10%	79.06%	0.06
AQ18E-308B-R	230	50	12	1.5	18	88.10%	78.17%	0.0283
AQ18E-308B-R	230	50	5	3	15	83.25%	81.88%	0.0283
AQ18E-59A-H	230	50	5	3	15	81.63%	78.83%	0.0515
AQ18E-59A-H	230	50	9	2	18	86.41%	83.09%	0.0515
AQ18K-59A-H	230	50	5	3	15	81.63%	78.83%	0.0515
AQ18K-59A-H	230	50	9	2	18	86.41%	83.09%	0.0515
AQ27E-59A-H	230	50	5	3	15	86.52%	80.44%	0.0293
AQ27E-59A-H	230	50	9	3	27	88.85%	82.20%	0.0293
AQ27E-59CFA-H	230	50	15	1.8	27	88.84%	78.19%	0.0293
AQ27E-59CFA-H	230	50	5	3	15	86.52%	80.44%	0.0293
AQ27E-59CFA-H	230	50	12	2.25	45	89.16%	80.64%	0.0293
AQ27E-59CFA-H	230	50	9	3	27	88.85%	82.20%	0.0293
AQ27E-59CFA-H	230	50	15	1.8	27	88.84%	78.19%	0.0293
AQ27E-59CFA-H	230	50	5	3	15	86.52%	80.44%	0.0293
AQ27E-59CFA-H	230	50	12	2.25	27	89.16%	80.64%	0.0293
AQ27E-59CFA-H	230	50	9	3	27	88.85%	82.20%	0.0293
AQ27K-59A-H	230	50	5	3	15	86.52%	80.44%	0.0293
AQ27K-59A-H	230	50	9	3	27	88.85%	82.20%	0.0293
AQ27K-59CFA-H	230	50	15	1.8	27	88.84%	78.19%	0.0293
AQ27K-59CFA-H	230	50	5	3	15	86.52%	80.44%	0.0293
AQ27K-59CFA-H	230	50	12	2.25	45	89.16%	80.64%	0.0293
AQ27K-59CFA-H	230	50	9	3	27	88.85%	82.20%	0.0293
AQ27K-59CFA-H	230	50	15	1.8	27	88.84%	78.19%	0.0293
AQ27K-59CFA-H	230	50	5	3	15	86.52%	80.44%	0.0293

Manufacturer's name : Pihong Technology Co., Ltd.
Commercial registration number: 30435973
Address: No. 568, Fuxing 3rd Rd., Guishan Dist., Taoyuan City 33383, Taiwan

**COMMISSION REGULATION (EU) 2019/1782
of 1 October 2019**

**laying down ecodesign requirements for external power supplies pursuant to Directive 2009/125/EC
of the European Parliament and of the Council and repealing Commission Regulation (EC)
No 278/2009**

Information published

PNAME	Input voltage (Vac)	Input AC frequency (Hz)	Output voltage (Vdc)	Output current (A)	Output power (W)	Average active efficiency	Efficiency at low load(10%)	NO load (W)
1504941-0001	230	50	12	2.99	35.88	88.38%	83.59%	0.2614
AQ27K-59CFA-H	230	50	12	2.25	27	89.16%	80.64%	0.0293
AQ27K-59CFA-H	230	50	9	3	27	88.85%	82.20%	0.0293
AQ36E-59FA-H	230	50	5	3	15	84.20%	76.41%	0.058
AQ36E-59FA-H	230	50	9	3	27	88.13%	83.30%	0.058
AQ36E-5CA-H	230	50	5	3	15	84.20%	76.41%	0.058
AQ36E-5CA-H	230	50	12	3	36	89.02%	83.91%	0.058
AQ36E-5CFAC-H	230	50	5	3	15	83.51%	73.69%	0.0492
AQ36E-5CFA-H	230	50	5	3	15	84.20%	76.41%	0.058
AQ36E-5CFA-H	230	50	15	2.4	36	88.65%	83.33%	0.058
AQ36E-5CFA-H	230	50	12	3	36	89.02%	83.91%	0.058
AQ45E-59FA-H	230	50	5	3	15	84.20%	76.41%	0.058
AQ45E-59FA-H	230	50	9	3	27	88.13%	83.73%	0.058
AQ45E-59FA-H	230	50	15	3	45	90.02%	85.95%	0.058
AQ45E-5CKA-H	230	50	5	3	15	84.20%	76.41%	0.058
AQ45E-5CKA-H	230	50	12	3	36	89.02%	83.91%	0.058
AQ45E-5CKA-H	230	50	20	2.25	45	89.62%	85.95%	0.037
AQ45E-5CKA-H	230	50	5	3	15	84.20%	76.41%	0.058
AQ45U-59FKA-RW	230	50	15	3	45	82.98%	81.93%	0.0397
AQ45W-59FKA-RW	230	50	15	3	45	82.98%	81.93%	0.0397
AQ60W-59FKKA-R	230	50	5	3	15	85.56%	84.85%	0.0401
AQ60W-59FKKA-R	230	50	9	3	27	85.56%	84.85%	0.0401
AQ60W-59FKKA-R	230	50	15	3	45	85.56%	84.85%	0.0401
AQ60W-59FKKA-R	230	50	20	3	60	85.56%	84.85%	0.0401
AQ65E-59FKB-R	230	50	20	3.25	65	84.35%	72.89%	0.0621
AQ65K-59FKB-R	230	50	20	3.25	65	84.35%	72.89%	0.0621
HN-200500EP0	230	50	20	5	100	90.92%	83.27%	0.083
HW-100200B00	230	50	5	2	10	83.62%	76.56%	0.0462
HW-100200B00	230	50	10	2	20	85.54%	76.56%	0.0474
HW-100200B00	230	50	9	2	18	85.35%	76.56%	0.0474
HW-100200E00	230	50	5	2	10	83.62%	76.56%	0.0462
HW-100200E00	230	50	10	2	20	85.54%	76.56%	0.0474
HW-100200E00	230	50	9	2	18	85.35%	76.56%	0.0474
HW-120150B3W	230	50	12.0	1.5	18.0	86.04%	76.25%	0.09
KSC-25LS(E)-R	230	50	12	1	12	84.40%	80.57%	0.06
KSC-25LS(J/C2)-R	230	50	12	1	12	84.40%	80.57%	0.06
KSC-25LS(T2)-R	230	50	12	1	12	84.40%	80.57%	0.06
KSC-25S(E/T2)-R	230	50	15	1	15	84.53%	79.96%	0.077
L-POEI-BL	230	50	56	0.275	15.4	86.80%	75.60%	0.063
PD-E45W	230	50	15	3	45	82.98%	81.93%	0.0397
PMA10R-050A-R	230	50	5	2	10	81.22%	77.47%	0.059
POE15M-560E-R	230	50	56	0.275	15.4	85.22%	69.24%	0.073
POE15M-AFA2212-R	230	50	56	0.275	15.4	86.90%	77.20%	0.038
POE15M-AFB1112-H	230	50	56	0.275	15.4	86.16%	76.20%	0.0705
POE15M-PSA2660-R	230	50	56	0.275	15.4	86.90%	77.20%	0.038
POE15W-AFB1112-H	230	50	56	0.275	15.4	86.16%	76.20%	0.0705

Manufacturer's name : Pihong Technology Co., Ltd.
Commercial registration number: 30435973
Address: No. 568, Fuxing 3rd Rd., Guishan Dist., Taoyuan City 33383, Taiwan

**COMMISSION REGULATION (EU) 2019/1782
of 1 October 2019**

**laying down ecodesign requirements for external power supplies pursuant to Directive 2009/125/EC
of the European Parliament and of the Council and repealing Commission Regulation (EC)
No 278/2009**

Information published

PNAME	Input voltage (Vac)	Input AC frequency (Hz)	Output voltage (Vdc)	Output current (A)	Output power (W)	Average active efficiency	Efficiency at low load(10%)	NO load (W)
1504941-0001	230	50	12	2.99	35.88	88.38%	83.59%	0.2614
POE15W-PSA2660-R	230	50	56	0.275	15.4	86.90%	77.20%	0.038
POE16E-1AFG6-2Z-H	230	50	56	0.275	15.4	86.80%	75.60%	0.063
POE16R-1AFG6-2-R	230	50	56	0.275	15.4	86.80%	75.60%	0.063
POE16R-1AFG6-2Z-R	230	50	56	0.275	15.4	86.80%	75.60%	0.063
POE16R-560L6-R	230	50	56	0.275	15.4	84.32%	67.76%	0.074
POE16R-560L6W-R	230	50	56	0.275	15.4	84.32%	67.76%	0.075
POE16R-AFA2212-H	230	50	56	0.275	15.4	86.80%	75.60%	0.063
POE29U-560(K)-R	230	50	56	0.536	30.016	88.10%	78.80%	0.064
POE29U-560-R	230	50	56	0.536	30.016	88.90%	79.82%	0.071
POE29W-560-R	230	50	56	0.536	30.016	89.03%	80.67%	0.071
POE30R-1ATP-R	230	50	56	0.536	30	87.21%	77.44%	0.0607
POE60U-1BT(25K)-R	230	50	56	0.535	29.96	89.98%	82.65%	0.104
POE60U-1BTEP-R	230	50	56	0.535	29.96	88.72%	82.60%	0.1138
POE60U-1BTG(25K)-R	230	50	56	0.535	29.96	89.98%	82.65%	0.104
POE60U-1BTL6-R	230	50	56	0.535	29.96	88.90%	79.82%	0.104
POE60U-560-2-R	230	50	56	1.07	59.92	94.01%	91.57%	0.132
POE60U-560-5-R	230	50	56	1.07	59.92	92.74%	84.12%	0.136
POE60U-560E-R	230	50	56	1.07	59.92	92.53%	89.64%	0.111
POE60U-560-R	230	50	56	1.07	59.92	93.54%	90.01%	0.11
POE60U-560-X-R	230	50	56	1.07	59.92	91.35%	87.40%	0.126
POE60U-BTC1662-H	230	50	56	0.535	60	91.49%	84.37%	0.1166
POE61U-560D-R	230	50	56	1.1	61.6	89.76%	86.01%	0.143
POE61W-560D-R	230	50	56	1.1	61.6	89.99%	82.93%	0.147
POE90U-1BT-2-R	230	50	56	0.8	45	88.70%	85.71%	0.147
POE90U-1BT-5-R	230	50	56	0.8	45	88.70%	85.71%	0.147
POE90U-1BT6-R	230	50	56	0.8	45	88.70%	85.71%	0.147
POE90U-1BT6-V-R	230	50	56	0.8	45	88.70%	85.71%	0.147
POE90U-1BT-N6-R	230	50	56	0.8	45	88.70%	85.71%	0.147
POE90U-1BT-N6-R	230	50	56	0.8	45	88.70%	85.71%	0.147
POE90U-1BT-XAW-R	230	50	56	0.8	45	88.70%	85.71%	0.147
POE90U-1BT-X-R	230	50	56	0.8	45	88.70%	85.71%	0.147
POE90U-560-2-R	230	50	56	1.6	89.6	89.10%	86.72%	0.107
POE90U-560-2-R	230	50	56	0.8	45	88.70%	85.71%	0.147
POE90U-560-5-R	230	50	56	1.6	89.6	89.07%	86.10%	0.107
POE90U-560-5-R	230	50	56	0.8	45	88.70%	85.71%	0.147
POE90U-560-C-R	230	50	56	1.6	89.6	89.07%	86.10%	0.107
POE90U-560-C-R	230	50	56	0.8	45	88.70%	85.71%	0.147
POE90U-560P-R	230	50	56	1.6	89.6	89.07%	86.10%	0.107
POE90U-560P-R	230	50	56	0.8	45	88.70%	85.71%	0.147
POE90U-560-R	230	50	56	1.6	89.6	89.72%	83.34%	0.073
POE90U-560-X-R	230	50	56	1.6	89.6	89.10%	86.72%	0.107
POE90U-560-X-R	230	50	56	0.8	45	88.70%	85.71%	0.147
POE90U-BTA5212-H	230	50	56	0.8	45	89.47%	86.05%	0.0675
POE90U-BTAX460-R	230	50	56	0.8	45	89.47%	86.05%	0.0675
POE90U-BTB566V-R	230	50	56	0.8	45	89.47%	86.05%	0.0675

Manufacturer's name : Pihong Technology Co., Ltd.
Commercial registration number: 30435973
Address: No. 568, Fuxing 3rd Rd., Guishan Dist., Taoyuan City 33383, Taiwan

**COMMISSION REGULATION (EU) 2019/1782
of 1 October 2019**

**laying down ecodesign requirements for external power supplies pursuant to Directive 2009/125/EC
of the European Parliament and of the Council and repealing Commission Regulation (EC)
No 278/2009**

Information published

PNAME	Input voltage (Vac)	Input AC frequency (Hz)	Output voltage (Vdc)	Output current (A)	Output power (W)	Average active efficiency	Efficiency at low load(10%)	NO load (W)
1504941-0001	230	50	12	2.99	35.88	88.38%	83.59%	0.2614
POE90U-BTBX460-R	230	50	56	0.8	45	89.47%	86.05%	0.0675
POE90U-PSAX460-R	230	50	56	0.8	45	89.47%	86.05%	0.0675
POE90U-PSB5660-R	230	50	56	0.8	45	89.47%	86.05%	0.0675
POEA30U-1AT-5S-R	230	50	56	0.536	30.016	89.90%	81.40%	0.071
POEA30U-1AT-BB-R	230	50	56	0.536	30.016	89.90%	81.40%	0.071
POEA30U-1ATE(V)-R	230	50	56	0.536	30.016	89.90%	81.40%	0.071
POEA30U-1AT-S-R	230	50	56	0.536	30.016	89.90%	81.40%	0.071
POEO75U-1BT-A-H	230	50	56	0.8	45	85.29%	86.21%	0.129
POEO75U-1BTC-R	230	50	56	0.8	45	85.29%	86.21%	0.129
POEO75U-1BT-C-R	230	50	56	0.8	45	85.29%	86.21%	0.129
POEO75U-1BT-R	230	50	56	0.8	45	85.29%	86.21%	0.129
POEO75U-1BT-VE-R	230	50	56	0.8	45	85.29%	86.21%	0.129
POEO75U-1BT-VK-R	230	50	56	0.8	45	85.29%	86.21%	0.129
POEO75U-1BT-V-R	230	50	56	0.8	45	85.29%	86.21%	0.129
POEO75U-1BT-VS-R	230	50	56	0.8	45	85.29%	86.21%	0.129
POEO75U-1BT-X-R	230	50	56	0.8	45	85.29%	86.21%	0.129
PPL18E-050L6	230	50	5	3	15	82.01%	76.02%	0.0506
PPL18E-090	230	50	9	2.2	18	86.66%	80.30%	0.0558
PPL18E-120	230	50	12	1.6	18	86.50%	80.26%	0.0613
PPL18E-150	230	50	15	1.3	18	87.14%	82.74%	0.0551
PPL18E-180	230	50	18	1.1	18	88.36%	81.87%	0.0642
PPL18E-240	230	50	24	0.8	18	88.69%	82.18%	0.0553
PPL18K-050L6	230	50	5	3	15	82.01%	76.02%	0.0506
PPL18K-090	230	50	9	2.2	18	86.66%	80.30%	0.0558
PPL18K-120	230	50	12	1.6	18	86.50%	80.26%	0.0613
PPL18K-150	230	50	15	1.3	18	87.14%	82.74%	0.0551
PPL18K-180	230	50	18	1.1	18	88.36%	81.87%	0.0642
PPL18K-240	230	50	24	0.8	18	88.69%	82.18%	0.0553
PPL18M-050L6	230	50	5	3	15	82.01%	76.02%	0.0506
PPL18M-090	230	50	9	2.2	18	86.66%	80.30%	0.0558
PPL18M-120	230	50	12	1.6	18	86.50%	80.26%	0.0613
PPL18M-150	230	50	15	1.3	18	87.14%	82.74%	0.0551
PPL18M-180	230	50	18	1.1	18	88.36%	81.87%	0.0642
PPL18M-240	230	50	24	0.8	18	88.69%	82.18%	0.0553
PPL18U-050L6	230	50	5	3	15	82.01%	76.02%	0.0506
PPL18U-090	230	50	9	2.2	18	86.66%	80.30%	0.0558
PPL18U-120	230	50	12	1.6	18	86.50%	80.26%	0.0613
PPL18U-150	230	50	15	1.3	18	87.14%	82.74%	0.0551
PPL18U-180	230	50	18	1.1	18	88.36%	81.87%	0.0642
PPL18U-240	230	50	24	0.8	18	88.69%	82.18%	0.0553
PPL18W-050L6	230	50	5	3	15	82.01%	76.02%	0.0506
PPL18W-090	230	50	9	2.2	18	86.66%	80.30%	0.0558
PPL18W-120	230	50	12	1.6	18	86.50%	80.26%	0.0613
PPL18W-150	230	50	15	1.3	18	87.14%	82.74%	0.0551
PPL18W-180	230	50	18	1.1	18	88.36%	81.87%	0.0642

Manufacturer's name : Pihong Technology Co., Ltd.
Commercial registration number: 30435973
Address: No. 568, Fuxing 3rd Rd., Guishan Dist., Taoyuan City 33383, Taiwan

**COMMISSION REGULATION (EU) 2019/1782
of 1 October 2019**

**laying down ecodesign requirements for external power supplies pursuant to Directive 2009/125/EC
of the European Parliament and of the Council and repealing Commission Regulation (EC)
No 278/2009**

Information published

PNAME	Input voltage (Vac)	Input AC frequency (Hz)	Output voltage (Vdc)	Output current (A)	Output power (W)	Average active efficiency	Efficiency at low load(10%)	NO load (W)
1504941-0001	230	50	12	2.99	35.88	88.38%	83.59%	0.2614
PPL18W-240	230	50	24	0.8	18	88.69%	82.18%	0.0553
PPL200U-120	230	50	12	16	200	91.13%	85.34%	0.1254
PPL200U-190	230	50	19	10.5	200	91.17%	83.72%	0.1348
PPL200U-240	230	50	24	8.3	200	92.01%	85.96%	0.1247
PPL200U-480	230	50	48	4.17	200	93.37%	90.06%	0.1053
PPL200U-560	230	50	56	3.58	200	93.45%	84.84%	0.1214
PPL24E-050	230	50	5	4	20	84.41%	79.63%	0.0593
PPL24E-090	230	50	9	2.5	22.5	86.97%	81.71%	0.0574
PPL24E-120	230	50	12	2	24	86.70%	81.72%	0.0595
PPL24E-150	230	50	15	1.6	24	88.12%	83.31%	0.0062
PPL24E-240	230	50	24	1	24	88.48%	81.86%	0.0606
PPL24E-480	230	50	48	0.5	24	87.98%	77.34%	0.0629
PPL24K-050	230	50	5	4	20	84.41%	79.63%	0.0593
PPL24K-090	230	50	9	2.5	22.5	86.97%	81.71%	0.0574
PPL24K-120	230	50	12	2	24	86.70%	81.72%	0.0595
PPL24K-150	230	50	15	1.6	24	88.12%	83.31%	0.0062
PPL24K-240	230	50	24	1	24	88.48%	81.86%	0.0606
PPL24K-480	230	50	48	0.5	24	87.98%	77.34%	0.0629
PPL24M-050	230	50	5	4	20	84.41%	79.63%	0.0593
PPL24M-090	230	50	9	2.5	22.5	86.97%	81.71%	0.0574
PPL24M-120	230	50	12	2	24	86.70%	81.72%	0.0595
PPL24M-150	230	50	15	1.6	24	88.12%	83.31%	0.0062
PPL24M-240	230	50	24	1	24	88.48%	81.86%	0.0606
PPL24M-480	230	50	48	0.5	24	87.98%	77.34%	0.0629
PPL24U-050	230	50	5	4	20	84.41%	79.63%	0.0593
PPL24U-090	230	50	9	2.5	22.5	86.97%	81.71%	0.0574
PPL24U-120	230	50	12	2	24	86.70%	81.72%	0.0595
PPL24U-150	230	50	15	1.6	24	88.12%	83.31%	0.0062
PPL24U-240	230	50	24	1	24	88.48%	81.86%	0.0606
PPL24U-480	230	50	48	0.5	24	87.98%	77.34%	0.0629
PPL24W-050	230	50	5	4	20	84.41%	79.63%	0.0593
PPL24W-090	230	50	9	2.5	22.5	86.97%	81.71%	0.0574
PPL24W-120	230	50	12	2	24	86.70%	81.72%	0.0595
PPL24W-150	230	50	15	1.6	24	88.12%	83.31%	0.0062
PPL24W-240	230	50	24	1	24	88.48%	81.86%	0.0606
PPL24W-480	230	50	48	0.5	24	87.98%	77.34%	0.0629
PPL250U-120	230	50	12	20	240	92.39%	86.86%	0.1538
PPL250U-190L6	230	50	19	13.2	250	92.07%	89.37%	0.1357
PPL250U-240	230	50	24	10.4	250	92.74%	88.39%	0.1403
PPL250U-480L6V	230	50	48	5.2	250	93.99%	88.51%	0.2145
PPL250U-560	230	50	56	4.48	250	94.13%	89.31%	0.2144
PPL300U-120	230	50	12	24	300	92.20%	86.03%	0.3166
PPL300U-190	230	50	19	15.75	300	92.52%	90.54%	0.1946
PPL300U-240	230	50	24	12.5	300	93.00%	89.28%	0.2633
PPL300U-480	230	50	48	6.25	300	93.82%	91.91%	0.2848

Manufacturer's name : Pihong Technology Co., Ltd.
Commercial registration number: 30435973
Address: No. 568, Fuxing 3rd Rd., Guishan Dist., Taoyuan City 33383, Taiwan

**COMMISSION REGULATION (EU) 2019/1782
of 1 October 2019**

**laying down ecodesign requirements for external power supplies pursuant to Directive 2009/125/EC
of the European Parliament and of the Council and repealing Commission Regulation (EC)
No 278/2009**

Information published

PNAME	Input voltage (Vac)	Input AC frequency (Hz)	Output voltage (Vdc)	Output current (A)	Output power (W)	Average active efficiency	Efficiency at low load(10%)	NO load (W)
1504941-0001	230	50	12	2.99	35.88	88.38%	83.59%	0.2614
PPL300U-560	230	50	56	5.36	300	94.28%	89.22%	0.2716
PPL36E-050	230	50	5	5	25	86.40%	80.22%	0.067
PPL36E-090	230	50	9	3.34	30	89.20%	82.93%	0.057
PPL36E-120L6	230	50	12	3	36	87.87%	84.88%	0.0542
PPL36E-180	230	50	18	2	36	88.55%	83.52%	0.0573
PPL36E-240	230	50	24	1.5	36	89.25%	83.61%	0.0641
PPL36K-050	230	50	5	5	25	86.40%	80.22%	0.067
PPL36K-090	230	50	9	3.34	30	89.20%	82.93%	0.057
PPL36K-120L6	230	50	12	3	36	87.87%	84.88%	0.0542
PPL36K-180	230	50	18	2	36	88.55%	83.52%	0.0573
PPL36K-240	230	50	24	1.5	36	89.25%	83.61%	0.0641
PPL36U-050	230	50	5	5	25	86.40%	80.22%	0.067
PPL36U-090	230	50	9	3.34	30	89.20%	82.93%	0.057
PPL36U-120L6	230	50	12	3	36	87.87%	84.88%	0.0542
PPL36U-180	230	50	18	2	36	88.55%	83.52%	0.0573
PPL36U-240	230	50	24	1.5	36	89.25%	83.61%	0.0641
PPL36W-050	230	50	5	5	25	86.40%	80.22%	0.067
PPL36W-090	230	50	9	3.34	30	89.20%	82.93%	0.057
PPL36W-120L6	230	50	12	3	36	87.87%	84.88%	0.0542
PPL36W-180	230	50	18	2	36	88.55%	83.52%	0.0573
PPL36W-240	230	50	24	1.5	36	89.25%	83.61%	0.0641
PPL65M-120	230	50	12	5	60	89.12%	87.38%	0.0329
PPL65M-150	230	50	15	4.3	65	90.39%	87.66%	0.0306
PPL65M-180	230	50	18	3.62	65	89.63%	87.64%	0.0328
PPL65M-190	230	50	19	3.43	65	89.56%	87.35%	0.0303
PPL65M-240	230	50	24	2.71	65	90.26%	87.41%	0.0424
PPL65M-480	230	50	48	1.36	65	91.33%	87.42%	0.0709
PPL65M-560	230	50	56	1.17	65	91.47%	86.97%	0.0875
PPL65U-120	230	50	12	5	60	89.12%	87.38%	0.0329
PPL65U-150	230	50	15	4.3	65	90.39%	87.66%	0.0306
PPL65U-180	230	50	18	3.62	65	89.63%	87.64%	0.0328
PPL65U-190	230	50	19	3.43	65	89.56%	87.35%	0.0303
PPL65U-240	230	50	24	2.71	65	90.26%	87.41%	0.0424
PPL65U-480	230	50	48	1.36	65	91.33%	87.42%	0.0709
PPL65U-560	230	50	56	1.17	65	91.47%	86.97%	0.0875
PPL65W-120	230	50	12	5	60	89.12%	87.38%	0.0329
PPL65W-150	230	50	15	4.3	65	90.39%	87.66%	0.0306
PPL65W-180	230	50	18	3.62	65	89.63%	87.64%	0.0328
PPL65W-190	230	50	19	3.43	65	89.56%	87.35%	0.0303
PPL65W-240	230	50	24	2.71	65	90.26%	87.41%	0.0424
PPL65W-480	230	50	48	1.36	65	91.33%	87.42%	0.0709
PPL65W-560	230	50	56	1.17	65	91.47%	86.97%	0.0875
PPL90M-120	230	50	12	7	84	89.95%	86.99%	0.0771
PPL90M-150	230	50	15	6	90	89.61%	86.74%	0.0791
PPL90M-180	230	50	18	5	90	89.89%	86.58%	0.0933

Manufacturer's name : Phihong Technology Co., Ltd.
Commercial registration number: 30435973
Address: No. 568, Fuxing 3rd Rd., Guishan Dist., Taoyuan City 33383, Taiwan

COMMISSION REGULATION (EU) 2019/1782
of 1 October 2019

laying down ecodesign requirements for external power supplies pursuant to Directive 2009/125/EC
of the European Parliament and of the Council and repealing Commission Regulation (EC)
No 278/2009

Information published

PNAME	Input voltage (Vac)	Input AC frequency (Hz)	Output voltage (Vdc)	Output current (A)	Output power (W)	Average active efficiency	Efficiency at low load(10%)	NO load (W)
1504941-0001	230	50	12	2.99	35.88	88.38%	83.59%	0.2614
PPL90M-190	230	50	19	4.74	90	90.00%	86.24%	0.0939
PPL90M-240	230	50	24	3.75	90	90.21%	87.25%	0.0846
PPL90M-480	230	50	48	1.88	90	90.86%	87.21%	0.1052
PPL90M-560	230	50	56	1.6	90	91.16%	86.66%	0.1256
PPL90U-120	230	50	12	7	84	89.95%	86.99%	0.0771
PPL90U-150	230	50	15	6	90	89.61%	86.74%	0.0791
PPL90U-180	230	50	18	5	90	89.89%	86.58%	0.0933
PPL90U-190	230	50	19	4.74	90	90.00%	86.24%	0.0939
PPL90U-240	230	50	24	3.75	90	90.21%	87.25%	0.0846
PPL90U-480	230	50	48	1.88	90	90.86%	87.21%	0.1052
PPL90U-560	230	50	56	1.6	90	91.16%	86.66%	0.1256
PSA05E-050QL6A-H	230	50	5	1	5	76.30%	65.20%	0.03
PSA05F-050QAL6-H	230	50	5	1	5	76.30%	64.80%	0.0348
PSA10F-050Q(CI)E-R	230	50	5	2	10	80.09%	72.15%	0.0743
PSA10F-050Q(CI)-R	230	50	5	2	10	80.09%	72.15%	0.0743
PSA10F-050Q-H	230	50	5	2	10	80.09%	72.15%	0.0743
PSA10F-050Q-IH-R	230	50	5	2	10	80.09%	72.15%	0.0743
PSA10F-050Q-IT-R	230	50	5	2	10	80.09%	72.15%	0.0743
PSA10F-050Q-R	230	50	5	2	10	80.09%	72.15%	0.0743
PSA10F-050-R	230	50	5	2	10	79.33%	71.92%	0.077
PSA120U-120L6-R	230	50	12	9	108	89.37%	90.29%	0.0846
PSA120U-540L6NT-R	230	50	54	2.22	119.88	92.43%	91.40%	0.1254
PSA15E-308Q-H	230	50	12	1.25	15	86.40%	79.26%	0.036
PSA15E-308Q-H	230	50	9	1.67	15.03	87.72%	81.15%	0.036
PSA15E-308Q-H	230	50	5	1.67	8.35	85.16%	81.74%	0.036
PSA15K-308Q-H	230	50	12	1.25	15	86.40%	79.26%	0.036
PSA15K-308Q-H	230	50	9	1.67	15.03	87.72%	81.15%	0.036
PSA15K-308Q-H	230	50	5	1.67	8.35	85.16%	81.74%	0.036