

## External Power Supplies Datasheet (ErP Lot 7)

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As required by 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 (ErP Lot7) for the external power supply of the product.

Information published	Value and precision	Unit
Manufacturer's name	Lenovo	-
Model identifier	A17-065N2A	-
Input voltage	100-240	V
Input AC frequency	50-60	Hz
Output voltage	20.0	V
Output current	3.25	A
Output power	65.0	W
Average active efficiency	89.0	%
Efficiency at low load (10 %)	88.0	%
No-load power consumption	0.10	W

Information published	Value and precision	Unit
Manufacturer's name	Lenovo	-
Model identifier	A18-230P1A	-
Input voltage	100-240	V
Input AC frequency	50-60	Hz
Output voltage	20.0	V
Output current	11.5	A
Output power	230.0	W
Average active efficiency	91.8	%
Efficiency at low load (10 %)	84.5	%
No-load power consumption	0.11	W

Information published	Value and precision	Unit
Manufacturer's name	Lenovo	-
Model identifier	A19-065N2A	-
Input voltage	100-240	V
Input AC frequency	50-60	Hz
Output voltage	20.0	V
Output current	3.25	A
Output power	65.0	W
Average active efficiency	90.0	%
Efficiency at low load (10 %)	88.1	%
No-load power consumption	0.12	W

Information published	Value and precision	Unit
Manufacturer's name	Lenovo	-
Model identifier	A19-090P3A	-
Input voltage	100-240	V
Input AC frequency	50-60	Hz
Output voltage	20.0	V
Output current	4.5	A
Output power	90.0	W
Average active efficiency	89.4	%
Efficiency at low load (10 %)	89.2	%
No-load power consumption	0.12	W

Information published	Value and precision	Unit
Manufacturer's name	Lenovo	-
Model identifier	ADP-45TD B	-
Input voltage	100-240	V
Input AC frequency	50-60	Hz
Output voltage	20.0	V
Output current	2.25	A
Output power	45.0	W
Average active efficiency	88.8	%
Efficiency at low load (10 %)	87.5	%
No-load power consumption	0.09	W

Information published	Value and precision	Unit
Manufacturer's name	Lenovo	-
Model identifier	ADP-65FD B	-
Input voltage	100-240	V
Input AC frequency	50-60	Hz
Output voltage	20.0	V
Output current	3.25	A
Output power	65.0	W
Average active efficiency	88.8	%
Efficiency at low load (10 %)	85.8	%
No-load power consumption	0.13	W

Information published	Value and precision	Unit
Manufacturer's name	Lenovo	-
Model identifier	ADP-90XD B	-
Input voltage	100-240	V
Input AC frequency	50-60	Hz
Output voltage	20.0	V
Output current	4.5	A
Output power	90.0	W
Average active efficiency	89.2	%
Efficiency at low load (10 %)	82.0	%
No-load power consumption	0.14	W

Information published	Value and precision	Unit
Manufacturer's name	Lenovo	-
Model identifier	ADP-120TH B	-
Input voltage	100-240	V
Input AC frequency	50-60	Hz
Output voltage	20.0	V
Output current	6.0	A
Output power	120.0	W
Average active efficiency	91.4	%
Efficiency at low load (10 %)	90.7	%
No-load power consumption	0.09	W

Information published	Value and precision	Unit
Manufacturer's name	Lenovo	-
Model identifier	ADP-170CB B	-
Input voltage	100-240	V
Input AC frequency	50-60	Hz
Output voltage	20.0	V
Output current	8.5	A
Output power	170.0	W
Average active efficiency	92.4	%
Efficiency at low load (10 %)	84.5	%
No-load power consumption	0.19	W

Information published	Value and precision	Unit
Manufacturer's name	Lenovo	-
Model identifier	ADL135NDC3A	-
Input voltage	100-240	V
Input AC frequency	50-60	Hz
Output voltage	20.0	V
Output current	6.75	A
Output power	135.0	W
Average active efficiency	91.2	%
Efficiency at low load (10 %)	89.6	%
No-load power consumption	0.17	W

Information published	Value and precision	Unit
Manufacturer's name	Lenovo	-
Model identifier	ADP-150BH B	-
Input voltage	100-240	V
Input AC frequency	50-60	Hz
Output voltage	20.0	V
Output current	7.5	A
Output power	150.0	W
Average active efficiency	92.6	%
Efficiency at low load (10 %)	91.3	%
No-load power consumption	0.12	W

Information published	Value and precision	Unit
Manufacturer's name	Lenovo	-
Model identifier	ADP-65JE B	-
Input voltage	100-240	V
Input AC frequency	50-60	Hz
Output voltage	20.0	V
Output current	3.25	A
Output power	65.0	W
Average active efficiency	88.9	%
Efficiency at low load (10 %)	86.5	%
No-load power consumption	0.12	W

Information published	Value and precision	Unit
Manufacturer's name	Lenovo	-
Model identifier	ADP-65ME B	-
Input voltage	100-240	V
Input AC frequency	50-60	Hz
Output voltage	20.0	V
Output current	3.25	A
Output power	65.0	W
Average active efficiency	91.6	%
Efficiency at low load (10 %)	90.3	%
No-load power consumption	0.11	W

Information published	Value and precision	Unit
Manufacturer's name	Lenovo	-
Model identifier	ADP-90ME B	-
Input voltage	100-240	V
Input AC frequency	50-60	Hz
Output voltage	20.0	V
Output current	4.5	A
Output power	90.0	W
Average active efficiency	91.5	%
Efficiency at low load (10 %)	89.2	%
No-load power consumption	0.15	W

Information published	Value and precision	Unit
Manufacturer's name	Lenovo	-
Model identifier	PA-1450-18	-
Input voltage	100-240	V
Input AC frequency	50-60	Hz
Output voltage	20.0	V
Output current	2.25	A
Output power	45.0	W
Average active efficiency	88.5	%
Efficiency at low load (10 %)	84.0	%
No-load power consumption	0.07	W

Information published	Value and precision	Unit
Manufacturer's name	Lenovo	-
Model identifier	PA-1650-72 IS	-
Input voltage	100-240	V
Input AC frequency	50-60	Hz
Output voltage	20.0	V
Output current	3.25	A
Output power	65.0	W
Average active efficiency	89.3	%
Efficiency at low load (10 %)	87.3	%
No-load power consumption	0.10	W

Information published	Value and precision	Unit
Manufacturer's name	Lenovo	-
Model identifier	PA-1900-72	-
Input voltage	100-240	V
Input AC frequency	50-60	Hz
Output voltage	20.0	V
Output current	4.5	A
Output power	90.0	W
Average active efficiency	89.0	%
Efficiency at low load (10 %)	88.9	%
No-load power consumption	0.19	W

Information published	Value and precision	Unit
Manufacturer's name	Lenovo	-
Model identifier	PA-1121-72	-
Input voltage	100-240	V
Input AC frequency	50-60	Hz
Output voltage	20.0	V
Output current	6.0	A
Output power	120.0	W
Average active efficiency	89.5	%
Efficiency at low load (10 %)	86.5	%
No-load power consumption	0.17	W

Information published	Value and precision	Unit
Manufacturer's name	Lenovo	-
Model identifier	PA-1151-72	-
Input voltage	100-240	V
Input AC frequency	50-60	Hz
Output voltage	20.0	V
Output current	7.5	A
Output power	150.0	W
Average active efficiency	90.0	%
Efficiency at low load (10 %)	81.3	%
No-load power consumption	0.11	W

Information published	Value and precision	Unit
Manufacturer's name	Lenovo	-
Model identifier	ADL135NLC3A	-
Input voltage	100-240	V
Input AC frequency	50-60	Hz
Output voltage	20.0	V
Output current	6.75	A
Output power	135.0	W
Average active efficiency	90.2	%
Efficiency at low load (10 %)	90.5	%
No-load power consumption	0.11	W

Information published	Value and precision	Unit
Manufacturer's name	Lenovo	-
Model identifier	ADL230NLC3A	-
Input voltage	100-240	V
Input AC frequency	50-60	Hz
Output voltage	20.0	V
Output current	11.5	A
Output power	230.0	W
Average active efficiency	91.6	%
Efficiency at low load (10 %)	82.9	%
No-load power consumption	0.15	W

Information published	Value and precision	Unit
Manufacturer's name	Lenovo	-
Model identifier	PA-1650-74	-
Input voltage	100-240	V
Input AC frequency	50-60	Hz
Output voltage	20.0	V
Output current	3.25	A
Output power	65.0	W
Average active efficiency	89.4	%
Efficiency at low load (10 %)	89.1	%
No-load power consumption	0.08	W

Information published	Value and precision	Unit
Manufacturer's name	Lenovo	-
Model identifier	PA-1900-74	-
Input voltage	100-240	V
Input AC frequency	50-60	Hz
Output voltage	20.0	V
Output current	4.5	A
Output power	90.0	W
Average active efficiency	89.9	%
Efficiency at low load (10 %)	87.9	%
No-load power consumption	0.08	W