

## 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    |