



External power supply Ecodesign information - 2019/1782/EC

Philips Consumer Lifestyle
Tussendiepen 4
9206 AD Drachten
The Netherlands

Date: 20 March 2020

PRODUCT TYPE: External Power Supply

Manufacturer	Philips	
Typenumber of supply unit	AD2069020020HF	
Input voltage	100-240	V
Input AC frequency	50/60	Hz
Output voltage	19.5	V
Output current	3.33	A
Output power	65.0	W
Average active efficiency	≥88.0	%
Efficiency at low load (10 %)	≥79.0	%
No-load power consumption	<0.21	W

D000532614

Ref : AD2069020020HF Approval package (rev. 4), 12 March 2020



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Tussendiepen 4
9206 AD Drachten
The Netherlands

Date: 20 March 2020

PRODUCT TYPE: External Power Supply

Manufacturer	Philips	
Typenumber of supply unit	AD2069220020HF	
Input voltage	100-240	V
Input AC frequency	50/60	Hz
Output voltage	19.5	V
Output current	3.33	A
Output power	65.0	W
Average active efficiency	≥88.0	%
Efficiency at low load (10 %)	≥79.0	%
No-load power consumption	<0.21	W

D000532570

Ref : AD2069220020HF APPROVAL PACKAGE (Rev. 4), 12 March 2020



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Philips Consumer Lifestyle
Tussendiepen 4
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Date: 2020/03/17

(YYYY/MM/DD)

AST 230M-204762, Rev.: 1
(Document no.)

PRODUCT TYPE: External Power Supply

Manufacturer	Philips	
Typenumber of supply unit	A00390	
Input voltage	100-240	V
Input AC frequency	50/60	Hz
Output voltage	4.3	V
Output current	0.07	A
Output power	0.301	W
Average active efficiency	37.635	%
Efficiency at low load (10 %)	-	%
No-load power consumption	0.09	W



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Date: 2020/03/17

(YYYY/MM/DD)

AST 230M-204763, Rev.: 1

(Document no.)

PRODUCT TYPE: External Power Supply

Manufacturer	Philips	
Typenumber of supply unit	A00380	
Input voltage	100-240	V
Input AC frequency	50/60	Hz
Output voltage	4.3	V
Output current	0.07	A
Output power	0.301	W
Average active efficiency	47.99	%
Efficiency at low load (10 %)	-	%
No-load power consumption	0.052	W



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Date: 2020/03/17

(YYYY/MM/DD)

AST 230M-204764, Rev.: 1
(Document no.)

PRODUCT TYPE: External Power Supply

Manufacturer	Philips	
Typenumber of supply unit	HQ8505	
Input voltage	100-240	V
Input AC frequency	50/60	Hz
Output voltage	15	V
Output current	0.36	A
Output power	5.4	W
Average active efficiency	78.49	%
Efficiency at low load (10 %)	-	%
No-load power consumption	0.05	W

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The Netherlands

Date: 2020/03/17

(YYYY/MM/DD)

AST 230M-204765, Rev.: 1

(Document no.)

PRODUCT TYPE: External Power Supply

Manufacturer	Philips	
Typenumber of supply unit	HQ8507	
Input voltage	100-240	V
Input AC frequency	50/60	Hz
Output voltage	4.3 Vdc - 0.07 A -0.3045 W or 2.8 V - 1.1 A - 3.08 W	V
Output current	4.3 Vdc - 0.07 A -0.3045 W or 2.8 V - 1.1 A - 3.08 W	A
Output power	4.3 Vdc - 0.07 A -0.3045 W or 2.8 V - 1.1 A - 3.08 W	W
Average active efficiency	73.14	%
Efficiency at low load (10 %)	-	%
No-load power consumption	0.044	W



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(YYYY/MM/DD)

AST 230M-204766, Rev.: 1

(Document no.)

PRODUCT TYPE: External Power Supply

Manufacturer	Philips	
Typenumber of supply unit	HQ850	
Input voltage	100-240	V
Input AC frequency	50/60	Hz
Output voltage	8	V
Output current	0.1	A
Output power	0.8	W
Average active efficiency	61.18	%
Efficiency at low load (10 %)	-	%
No-load power consumption	0.07	W



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Date: 2020/03/17

(YYYY/MM/DD)

AST 230M-204767, Rev.: 1

(Document no.)

PRODUCT TYPE: External Power Supply

Manufacturer	Philips	
Typenumber of supply unit	HQ87	
Input voltage	100-240	V
Input AC frequency	50/60	Hz
Output voltage	5	V
Output current	1.5	A
Output power	7.5	W
Average active efficiency	78.82	%
Efficiency at low load (10 %)	-	%
No-load power consumption	0.045	W



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Philips Consumer Lifestyle
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Date: 2020/03/17

(YYYY/MM/DD)

AST 230V-204768, Rev.: 1

(Document no.)

PRODUCT TYPE: External Power Supply

Manufacturer	Philips	
Typenumber of supply unit	HF12	
Input voltage	100-240	V
Input AC frequency	50/60	Hz
Output voltage	24	V
Output current	0.5	A
Output power	12	W
Average active efficiency	83.36	%
Efficiency at low load (10 %)	74.79	%
No-load power consumption	0.08	W



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Date: 2020/03/17

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AST 230V-204769, Rev.: 1

(Document no.)

PRODUCT TYPE: External Power Supply

Manufacturer	Philips	
Typenumber of supply unit	HF20	
Input voltage	100-240	V
Input AC frequency	50/60	Hz
Output voltage	24	V
Output current	0.75	A
Output power	18.0	W
Average active efficiency	87.30	%
Efficiency at low load (10 %)	82.60	%
No-load power consumption	0.079	W



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Tussendiepen 4
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The Netherlands

Date: 2020/03/24
(YYYY/MM/DD)

PRODUCT TYPE: External Power Supply

Manufacturer	Philips	
Type number of supply unit	HX9200	
Input voltage	240	V
Input AC frequency	50/60	Hz
Output voltage	5.0	V
Output current	0.56	A
Output power	2.8	W
Average active efficiency	72.7	%
No-load power consumption	0.079	W



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Philips Consumer Lifestyle
Tussendiepen 4
9206 AD Drachten
The Netherlands

Date: 2020/03/24
(YYYY/MM/DD)

PRODUCT TYPE: External Power Supply

Manufacturer	Philips	
Typenumber of supply unit	WAA1001	
Input voltage	240	V
Input AC frequency	50/60	Hz
Output voltage	5.0	V
Output current	0.5	A
Output power	2.5	W
Average active efficiency	77.3	%
Efficiency at low load (10 %)	0.63	%
No-load power consumption	0.079	W



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Philips Consumer Lifestyle
Tussendiepen 4
9206 AD Drachten
The Netherlands

Date: 2020/03/24
(YYYY/MM/DD)

PRODUCT TYPE: External Power Supply

Manufacturer	Philips	
Typenumber of supply unit	WAA2001	
Input voltage	240	V
Input AC frequency	50/60	Hz
Output voltage	5.0	V
Output current	0.5	A
Output power	2.5	W
Average active efficiency	77.3	%
Efficiency at low load (10 %)	0.63	%
No-load power consumption	0.079	W



External power supply Ecodesign information - 2019/1782/EC

Philips Consumer Lifestyle
Tussendiepen 4
9206 AD Drachten
The Netherlands

Date: 2020/07/09
(YYYY/MM/DD)

PRODUCT TYPE: External Power Supply

Manufacturer	Philips	
Type number of supply unit	WAC1001	
Input voltage	240	V
Input AC frequency	50/60	Hz
Output voltage	24	V
Output current	1.0	A
Output power	24	W
Average active efficiency	87.9	%
No-load power consumption	0.03	W



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Philips Consumer Lifestyle
Tussendiepen 4
9206 AD Drachten
The Netherlands

Date: 2020/03/17

PRODUCT TYPE: External Power Supply

Manufacturer	Philips	
Typenumber of supply unit	S036NB2400150	
Input voltage	100-240	V
Input AC frequency	50/60	Hz
Output voltage	24.0	V
Output current	1.5	A
Output power	36.0	W
Average active efficiency	≥87.4	%
Efficiency at low load (10 %)	≥80.87	%
No-load power consumption	<0.10	W



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9206 AD Drachten
The Netherlands

Date: 2020/03/17

PRODUCT TYPE: External Power Supply

Manufacturer	Philips	
Typenumber of supply unit	S036NV2400150	
Input voltage	100-240	V
Input AC frequency	50/60	Hz
Output voltage	24.0	V
Output current	1.5	A
Output power	36.0	W
Average active efficiency	≥87.4	%
Efficiency at low load (10 %)	≥80.87	%
No-load power consumption	<0.10	W