

# Roland/BOSS products AC Adaptor Information

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## Office Information (for the requirements of EU Energy Efficiency Regulation (EU2019/1782))

Office Name	main office	commercial registration number	address
Roland Europe Group Ltd.	UK	08904664	Hive 2 1530, Arlington Business Park, Theale, Reading, RG7 4SA Berkshire, United Kingdom
Roland Central Europe N.V.	Belgium	0422.585.547	Klaus-Michael Kuehnelaan 13, 2440 Geel, Belgium

## AC Adaptor Information

Model Identifier	AC Adaptor Manufacture's name	Input Voltage	Input AC Frequency	Output Voltage	Output Current	Output Power	Average Active efficiency	Efficiency at Low Load (10%)	No-load Power Consumption
PSA-230S	Shenzhen Huntkey Power Technology Co., Ltd.	AC100V - AC240V	50Hz/60Hz	DC9.0V	0.5A	4.5W	78.25%	67.35%	0.065W
PSB-1U	Shenzhen Huntkey Power Technology Co., Ltd.	AC100V - AC240V	50Hz/60Hz	DC9.0V	2.0A	18W	85.95%	81.94%	0.0715W
PSB-7U	Shenzhen Huntkey Power Technology Co., Ltd.	AC100V - AC240V	50Hz/60Hz	DC12.0V	4.0A	48W	89.01%	88.05%	0.059W
PSB-14U	Shenzhen Huntkey Power Technology Co., Ltd.	AC100V - AC240V	50Hz/60Hz	DC24.0V	3.75A	90W	89.18%	87.00%	0.2W
PSB-5U	UNIFIVE TECHNOLOGY CO., LTD.	AC100V - AC240V	50Hz/60Hz	DC12.0V	1.5A	18W	85.63%	79.54%	0.078W
PSB-12U	UNIFIVE TECHNOLOGY CO., LTD.	AC100V - AC240V	50Hz/60Hz	DC13.0V	4.0A	52W	89.85%	83.05%	0.115W
PSB-13U	UNIFIVE TECHNOLOGY CO., LTD.	AC100V - AC240V	50Hz/60Hz	DC13.0V	4.0A	52W	89.85%	83.05%	0.115W
PSB-18U	Shenzhen Huntkey Power Technology Co., Ltd.	AC100V - AC240V	50Hz/60Hz	DC35.0V	5.14A	179.9W	94.42%	87.52%	0.140W
PSD-230	UNIFIVE TECHNOLOGY CO., LTD.	AC100V - AC240V	50Hz/60Hz	DC5.7V	2.0A	11.4W	80.13%	76.48%	0.077W
UNE312-5920	UNIFIVE TECHNOLOGY CO., LTD.	AC100V - AC240V	50Hz/60Hz	DC5.9V	2.0A	11.8W	81.57%	75.13%	0.051W
FJ-SW1202000N	Shenzhen Fujia Appliance Co., Ltd.	AC100V - AC240V	50Hz/60Hz	DC12.0V	2.0A	24.0W	89.23%	77.74%	0.09W
ATS018T-W050V	Adapter Technology Co., Ltd.	AC100V - AC240V	50Hz/60Hz	DC5.0V	3.0A	15.0W	81.57%	78.74%	0.068W
GQ36-120300-AX	Dong Guan City GangQi Electronic Co., Ltd	AC100V - AC240V	50Hz/60Hz	DC12.0V	3.0A	36W	88.58%	86.97%	0.083W
GQ24-120200-AX	Dong Guan City GangQi Electronic Co., Ltd	AC100V - AC240V	50Hz/60Hz	DC12.0V	2.0A	24W	87.44%	82.94%	0.054W

## Correspondence table between AC adaptor and products

Products	Brand	AC Adaptor	Remarks
A-300PRO-R	Roland	PSB-1U	Sold separately
A-500PRO-R	Roland	PSB-1U	Sold separately
A-800PRO-R	Roland	PSB-1U	Sold separately
A-88MK2	Roland	PSB-1U	Sold separately
AC-22LX	BOSS	PSB-1U	
AC-3	BOSS	PSA-230S	Sold separately
AC-33	Roland	PSB-12U	
AC-40	Roland	PSB-12U	
AD-10	BOSS	PSA-230S	
AD-2	BOSS	PSA-230S	Sold separately
Aerophone (AE-10)	Roland	PSD-230	
Aerophone (AE-20)	Roland	PSD-230	
Aerophone Pro (AE-30)	Roland	PSD-230	
AR-200R	Roland	PSB-1U	
AT-350C	Roland	PSB-1U	
AW-3	BOSS	PSA-230S	Sold separately
AX-EDGE	Roland	PSB-1U	
B			
BA-330	Roland	PSB-13U	
BB-1X	BOSS	PSA-230S	Sold separately
BC-1X	BOSS	PSA-230S	Sold separately
BCB-90X	BOSS	PSB-1U	
BD-2	BOSS	PSA-230S	Sold separately
BD-2W	BOSS	PSA-230S	Sold separately
BF-3	BOSS	PSA-230S	Sold separately
BK-3	Roland	PSB-1U	
BK-5	Roland	PSB-7U	
BP-1W	BOSS	PSA-230S	Sold separately
BR-80	BOSS	PSA-230S	Sold separately
BR-800	BOSS	PSA-230S	
C			
C-30	Roland	PSB-7U	
CD-2U	Roland	PSB-1U	
CE-2W	BOSS	PSA-230S	Sold separately
CE-5	BOSS	PSA-230S	Sold separately
CEB-3	BOSS	PSA-230S	Sold separately
CH-1	BOSS	PSA-230S	Sold separately
CP-1X	BOSS	PSA-230S	Sold separately
CS-3	BOSS	PSA-230S	Sold separately
CUBE-10GX	Roland	PSD-230	

	CUBE-LM-WH	Roland	PSD-230	
	CUBE-LT-BK	Roland	PSD-230	
	CUBE-ST2	BOSS	PSB-1U	
	CUBE-STA	Roland	PSB-1U	
	CUBE-STEX	Roland	PSB-12U	
	CUBE-STEXR	Roland	PSB-12U	
	CUBE-ST-RA	Roland	PSB-1U	
D	D-CUBE LX	BOSS	PSB-1U	
	DB-90	BOSS	PSA-230S	Sold separately
	DC-2W	BOSS	PSA-230S	Sold separately
	DCB-LX	BOSS	PSB-1U	
	DD-200	BOSS	PSA-230S	Sold separately
	DD-3T	BOSS	PSA-230S	Sold separately
	DD-500	BOSS	PSA-230S	Sold separately
	DD-8	BOSS	PSA-230S	Sold separately
	DJ-505	Roland	PSB-1U	
	DJ-707M	Roland	PSB-1U	
	DJ-808	Roland	PSB-1U	
	DM-101	BOSS	PSA-230S	
	DM-2W	BOSS	PSA-230S	Sold separately
	DP603/603A	Roland	PSB-14U	
	DR-01S	BOSS	PSB-1U	
	DS-1	BOSS	PSA-230S	Sold separately
	DS-1W	BOSS	PSA-230S	Sold separately
	DS-1X	BOSS	PSA-230S	Sold separately
	DS-2	BOSS	PSA-230S	Sold separately
E	E-09	Roland	PSB-1U	
	E-A7	Roland	PSB-7U	
	EC-10	Roland	PSD-230	
	EC-10M	Roland	PSD-230	
	EQ-200	BOSS	PSA-230S	Sold separately
	ES-5	BOSS	PSA-230S	
	ES-8	BOSS	PSA-230S	
	EV-1-WL	BOSS	PSA-230S	Sold separately
	E-X10	Roland	GQ24-120200-AX	
	E-X50	Roland	GQ36-120300-AX	
F	F-140R	Roland	PSB-7U	
	F107	Roland	PSB-5U	
	F701	Roland	PSB-7U	
	FA-06	Roland	PSB-1U	
	FA-06B	Roland	PSB-1U	
	FA-07	Roland	PSB-1U	
	FA-08	Roland	PSB-1U	
	FANTOM-06	Roland	PSB-5U	
	FANTOM-07	Roland	PSB-5U	
	FANTOM-08	Roland	PSB-5U	
	FC-300	Roland	PSA-230S	Sold separately
	FP-10	Roland	PSB-5U	
	FP-30	Roland	PSB-7U	
	FP-30X	Roland	PSB-7U	
	FP-60	Roland	PSB-7U	
	FP-60X	Roland	PSB-7U	
	FP-90	Roland	PSB-14U	
	FP-90X	Roland	PSB-14U	
	FP-E50	Roland	PSB-7U	
	FR-1X	Roland	PSB-1U	
	FR-1XB	Roland	PSB-1U	
	FR-3X	Roland	PSB-7U	
	FR-3XB	Roland	PSB-7U	
	FR-4X	Roland	PSB-7U	
	FR-4XB	Roland	PSB-7U	
	FR-8X	Roland	PSB-14U	
	FR-8XB	Roland	PSB-14U	
	FS-1-WL	BOSS	PSA-230S	Sold separately
	FZ-1W	BOSS	PSA-230S	Sold separately
	FZ-5	BOSS	PSA-230S	Sold separately
G	GAIA-2	Roland	PSB-5U	
	GE-7	BOSS	PSA-230S	Sold separately
	GEB-7	BOSS	PSA-230S	Sold separately
	GIGCASTER 5	BOSS	PSD-230	
	GIGCASTER 8	BOSS	PSD-230	
	GM-800	BOSS	PSB-1U	
	GO-61K	Roland	UNE312-5920	
			PSD-230	UK only
	GO-61P	Roland	UNE312-5920	
			PSD-230	UK only
	GO-88P	Roland	FJ-SW1202000N	

	GP-10	BOSS	PSA-230S	
	GP-3	Roland	PSB-7U	
	GP-6	Roland	PSB-18U	
	GP-9	Roland	PSB-18U	
	GP607	Roland	PSB-14U	
	GP609	Roland	PSB-14U	
	GR-55	Roland	PSB-1U	
	GS-1	BOSS	PSA-230S	Sold separately
	GT-001	BOSS	PSA-230S	
	GT-1	BOSS	PSA-230S	Sold separately
	GT-100	BOSS	PSB-1U	
	GT-1000	BOSS	PSB-1U	
	GT-1000CORE	BOSS	PSB-1U	
	GT-1B	BOSS	PSA-230S	Sold separately
	GX-100	BOSS	PSB-1U	
H	HM-2W	BOSS	PSA-230S	Sold separately
	HP601	Roland	PSB-7U	
	HP603/603A	Roland	PSB-14U	
	HP605	Roland	PSB-14U	
	HP702	Roland	PSB-7U	
	HP704	Roland	PSB-14U	
	HP150E	Roland	PSB-14U	
	HPD-20	Roland	PSB-1U	
	HS-5	Roland	PSB-1U	
	HT-TX01	Roland	ATS018T-W050V	
	HT-RX01	Roland	ATS018T-W050V	
I	IR-2	BOSS	PSA-230S	Sold separately
	IR-200	BOSS	PSA-230S	
J	JB-2	BOSS	PSA-230S	Sold separately
	JD-XA	Roland	PSB-7U	
	JD-XI	Roland	PSD-230	
	JS-10	BOSS	PSB-1U	
	JUNO-DS61 /B/W	Roland	PSB-1U	
	JUNO-DS76	Roland	PSB-1U	
	JUNO-DS88	Roland	PSB-1U	
	JUPITER-XM	Roland	PSB-5U	
K	KC-220	Roland	PSB-12U	
	KF-10	Roland	PSB-14U	
	KTN-AIR	BOSS	PSB-12U	
	KTN-AIR EX	BOSS	PSB-12U	
	KTN-MINI	BOSS	PSB-1U	Sold separately
L	LMB-3	BOSS	PSA-230S	Sold separately
	LS-2	BOSS	PSA-230S	Sold separately
	LX-17	Roland	PSB-14U	
	LX-7	Roland	PSB-14U	
	LX705	Roland	PSB-14U	
	LX706	Roland	PSB-14U	
	LX708	Roland	PSB-14U	
M	M-200i	Roland	PSB-14U	
	MB-CUBE	Roland	PSB-1U	Sold separately
	MC-707	Roland	PSD-230	
	MCB-RX	Roland	PSB-1U	
	M-CUBE GX	Roland	PSD-230	
	MD-2	BOSS	PSB-1U	Sold separately
	MD-200	BOSS	PSB-1U	Sold separately
	MD-500	BOSS	PSB-1U	Sold separately
	ME-80	BOSS	PSA-230S	Sold separately
	ME-90	BOSS	PSA-230S	Sold separately
	ML-2	BOSS	PSA-230S	Sold separately
	MO-2	BOSS	PSA-230S	Sold separately
	MOBILE-AC	Roland	PSB-1U	Sold separately
	MOBILE-BA	Roland	PSB-1U	Sold separately
	MS-3	BOSS	PSA-230S	
	MT-2	BOSS	PSA-230S	Sold separately
	MT-2W	BOSS	PSA-230S	Sold separately
	MT-90U	Roland	PSB-1U	
	MV-1	Roland	PSD-230	
	MX-1	Roland	PSD-230	
N	NS-1X	BOSS	PSA-230S	Sold separately
	NS-2	BOSS	PSA-230S	Sold separately
O	OC-3	BOSS	PSA-230S	Sold separately
	OC-5	BOSS	PSA-230S	Sold separately
	OD-1X	BOSS	PSA-230S	Sold separately
	OD-200	BOSS	PSA-230S	Sold separately
	OD-3	BOSS	PSA-230S	Sold separately
	ODB-3	BOSS	PSA-230S	Sold separately
	OS-2	BOSS	PSA-230S	Sold separately
P	P-20HD	Roland	PSB-7U	

	PH-3	BOSS	PSA-230S	Sold separately
	PS-6	BOSS	PSA-230S	Sold separately
	PW-3	BOSS	PSA-230S	Sold separately
R	R-88	Roland	PSB-1U	
	RC-1	BOSS	PSA-230S	Sold separately
	RC-10R	BOSS	PSA-230S	
	RC-202	BOSS	PSA-230S	
	RC-3	BOSS	PSA-230S	Sold separately
	RC-30	BOSS	PSA-230S	Sold separately
	RC-300	BOSS	PSA-230S	
	RC-5	BOSS	PSA-230S	Sold separately
	RC-500	BOSS	PSA-230S	Sold separately
	RC-505	BOSS	PSA-230S	
	RC-505MK2	BOSS	PSB-1U	
	RC-600	BOSS	PSB-1U	
	RD-88	Roland	PSB-5U	
	RE-2	BOSS	PSA-230S	Sold separately
	RE-20	BOSS	PSA-230S	Sold separately
	RE-202	BOSS	PSA-230S	
	RP102	Roland	PSB-1U	
	RP107	Roland	PSB-5U	
	RP302	Roland	PSB-7U	
	RP501R	Roland	PSB-7U	
	RP701	Roland	PSB-7U	
	RT-MICS	Roland	PSA-230S	Sold separately
	RUBIX44	Roland	PSB-1U	
	RV-200	BOSS	PSA-230S	Sold separately
	RV-500	BOSS	PSA-230S	Sold separately
	RV-6	BOSS	PSA-230S	Sold separately
S	SD-1	BOSS	PSA-230S	Sold separately
	SD-1W	BOSS	PSA-230S	Sold separately
	SDE-3000D	BOSS	PSB-1U	
	SDE3000EVH	BOSS	PSB-1U	
	SE-02	Roland	PSB-1U	
	SH-01	Roland	PSB-1U	
	SL-2	BOSS	PSA-230S	Sold separately
	SP-404MK2	Roland	PSD-230	
	SP-404SX	Roland	PSB-1U	
	SPD-1E	Roland	PSA-230S	Sold separately
	SPD-1K	Roland	PSA-230S	Sold separately
	SPD-1P	Roland	PSA-230S	Sold separately
	SPD-1W	Roland	PSA-230S	Sold separately
	SPD-30	Roland	PSB-1U	
	SPD-SX	Roland	PSB-1U	
	SPD-SX PRO	Roland	PSB-5U	
	SPD-SX SE	Roland	PSB-1U	
	SR-20HD	Roland	PSB-7U	
	ST-2	BOSS	PSA-230S	Sold separately
	SY-1	BOSS	PSA-230S	Sold separately
	SY-1000	BOSS	PSB-1U	
	SY-200	BOSS	PSA-230S	Sold separately
	SY-300	BOSS	PSA-230S	
	SYB-5	BOSS	PSA-230S	Sold separately
	SYR-E84	Roland	PSB-7U	
	SYS-500CSJ	Roland	PSB-7U	
	SYSTEM-1	Roland	PSD-230	
	SYSTEM-1M	Roland	PSD-230	
	SYSTEM-8	Roland	PSB-1U	
T	TAIKO-1	Roland	PSB-5U	
	TB-2W	BOSS	PSA-230S	Sold separately
	TB-3	Roland	PSD-230	
	TD-02	Roland	PSB-5U	
	TD-07	Roland	PSB-5U	
	TD-1	Roland	PSB-1U	
	TD-17	Roland	PSB-1U	
	TD-25	Roland	PSB-1U	
	TD-27	Roland	PSB-1U	
	TE-2	BOSS	PSA-230S	Sold separately
	TM-1	Roland	PSA-230S	Sold separately
	TM-2	Roland	PSD-230	
	TM-6 PRO	Roland	PSB-1U	
	TR-2	BOSS	PSA-230S	Sold separately
	TR-8S	Roland	PSD-230	
	TU-3	BOSS	PSA-230S	Sold separately
	TU-3S	BOSS	PSA-230S	Sold separately
	TU-3W	BOSS	PSA-230S	Sold separately
U	UA-1010	Roland	PSB-1U	
	UA-1610	Roland	PSB-1U	

V	V-02HD	Roland	PSB-1U	
	V-02HD MK2	Roland	PSB-1U	
	V-1200HDR	Roland	PSB-7U	
	V-1HD	Roland	PSB-7U	
	V-1HD PLUS	Roland	PSB-7U	
	V-1SDI	Roland	PSB-7U	
	V-160HD	Roland	PSB-14U	
	V-40HD	Roland	PSB-7U	
	V-4EX	Roland	PSB-1U	
	V-60HD	Roland	PSB-7U	
	V-8HD	Roland	PSB-7U	
	VB-2W	Roland	PSA-230S	Sold separately
	VC-1-DL	Roland	PSB-1U	
	VC-1-DMX	Roland	PSD-230	
	VC-1-HS	Roland	PSB-1U	
	VC-1-SC	Roland	PSB-1U	
	VC-1-SH	Roland	PSB-1U	
	VC-100UHD	Roland	PSB-14U	
	VE-1	BOSS	PSA-230S	Sold separately
	VE-2	BOSS	PSA-230S	Sold separately
	VE-20	BOSS	PSA-230S	Sold separately
	VE-5	BOSS	PSA-230S	Sold separately
	VE-500	BOSS	PSA-230S	
	VE-8	BOSS	PSA-230S	
	VO-1	BOSS	PSA-230S	Sold separately
	VP-42H	Roland	PSB-7U	
	VR-09-B	Roland	PSB-1U	
	VR-120HD	Roland	PSB-14U	
	VR-1HD	Roland	PSB-7U	
	VR-4HD	Roland	PSB-7U	
	VR-50HD	Roland	PSB-14U	
	VR-50HDMK2	Roland	PSB-14U	
	VR-6HD	Roland	PSB-14U	
	VR-730	Roland	PSB-1U	
W	WL-50	BOSS	PSA-230S	Sold separately
	WL-60	BOSS	PSA-230S	Sold separately
X	XPS-10	Roland	PSB-1U	
	XPS-30	Roland	PSB-1U	
	XS-1HD	Roland	PSB-7U	
	XS-42H	Roland	PSB-7U	
	XS-62S	Roland	PSB-7U	