

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	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	
	GO-88PX	Roland	PSB-5U	
	GO:KEYS3	Roland	PSB-5U	
	GO:KEYS5	Roland	PSB-5U	
	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-10	BOSS	PSB-1U	
	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	
	HPI50E	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-D6	Roland	PSB-5U	
	JUNO-D7	Roland	PSB-5U	
	JUNO-D8	Roland	PSB-5U	
	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-5	Roland	PSB-18U	
	LX-6	Roland	PSB-18U	
	LX-7	Roland	PSB-14U	
	LX-9	Roland	PSB-18U	
	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
	ME-90B	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-08	Roland	PSB-5U	
	RD-88	Roland	PSB-5U	
	RD-88EX	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	
	SDE-3	BOSS	PSA-230S	Sold separately
	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	V71	Roland	PSB-7U	
	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	
	V-80HD	Roland	PSB-14U	Sold separately
	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-22	BOSS	PSA-230S	Sold separately
	VE-5	BOSS	PSA-230S	Sold separately
	VE-500	BOSS	PSA-230S	
	VE-8	BOSS	PSA-230S	
	VG-800	Roland	PSB-1U	
	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	W-TAE CORE	BOSS	PSB-12U	
	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	