

PJ-KPS-CA PLUG-IN SERIES

MID/HIGH POWER HOT PLUG

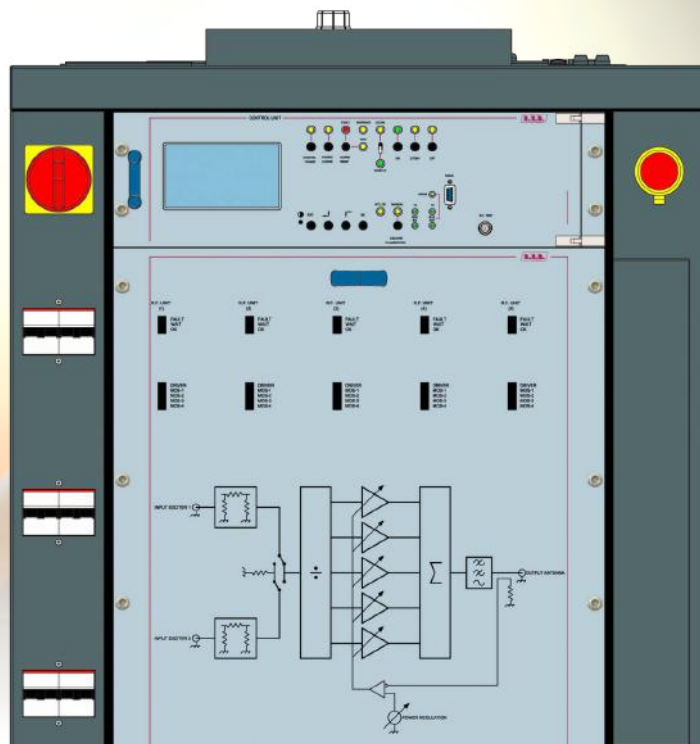
from 3000W to 60.000W

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MODELS

PJ03KPS-CA
 PJ04KPS-CA
 PJ05KPS-CA
 PJ06KPS-CA
 PJ08KPS-CA
 PJ10KPS-CA
 PJ12.5KPS-CA

PJ20KPS-CA
 PJ25KPS-CA
 PJ32KPS-CA
 PJ40KPS-CA
 PJ50KPS-CA
 PJ60KPS-CA



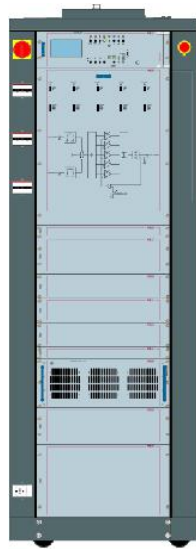
- **The most reliable FM broadcasting solution on the market designed for 24/7 non-stop operation.**
- **Capable of Analog and Digital transmission depending on the configuration.**
- **Reduced failure rate thanks to hot plug-in connectors replacing most of the classical wiring.**
- **Over-dimensioned amplifiers modules.**
- **In case of fail, the total power output will not go below -3dB.**
- **Independent and hot-swap amplifier's modules.**
- **Intelligent stand alone hot-swap fan arrays.**
- **Overall efficiency up to 76% depending on the configuration.**
- **N+1 Configuration available for 24/7 business continuity.**
- **Built-in exciter's automatic or manual changeover.**
- **Tunable over the entire FM band 87.5 - 108 MHz, without tuning. Other bands on request.**
- **Remote controls: WEB, SNMP2, GSM, Serial and Complete FM monitoring (option).**
- **Exceeds ETSI/CCIR/FCC requirements regarding RF harmonics and RF spurious.**
- **Compliance to IEC 215 safety standards.**
- **Single phase or three phase power configuration.**

Amplifiers:

- **Hot Plug-in modules available in 2.300W or 2.500W depending on system's configuration**
- **Independent power supply per each amplifier's module.**
- **Independent fan array per each amplifier's module.**
- **Automatic Power Control.**
- **Advanced protections against high VSWR, overdrive, overcurrent and overtemperature.**

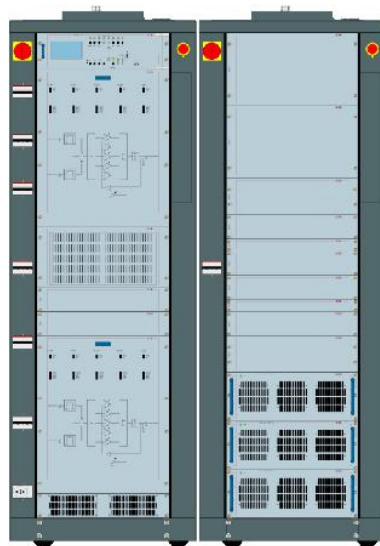
ORDERING INFORMATION	
Model	Description
PJ03KPS-CA	3.000W PLUG-IN System.
PJ04KPS-CA	4.000W PLUG-IN System.
PJ05KPS-CA	5.000W PLUG-IN System.
PJ06KPS-CA	6.000W PLUG-IN System.
PJ08KPS-CA	8.000W PLUG-IN System.
PJ10KPS-CA	10.000W PLUG-IN System.
PJ12.5KPS-CA	12.500W PLUG-IN System.
PJ20KPS-CA	20.000W PLUG-IN System.
PJ25KPS-CA	25.000W PLUG-IN System.
PJ32KPS-CA	32.000W PLUG-IN System.
PJ40KPS-CA	40.000W PLUG-IN System.
PJ50KPS-CA	50.000W PLUG-IN System.
PJ60KPS-CA	60.000W PLUG-IN System.





PJ10KPS-CA

10.000W PLUG-IN System.



PJ20KPS-CA

20.000W PLUG-IN system.



PJ60KPS-CA

60.000W PLUG-IN System.



PJ03KPS-CA

Parameters	U.M.	Value	Notes
GENERALS			
RF Output Power	kW	3,3	
Frequency Range	MHz	87,5 – 108	
Frequency Stability	ppm	> 1	
Class of Emission		180KF8E Direct to Channel	
Stereo transmissions		Acc. to ITU-R / Rec. 450 (Pilot tone)	
RF Output Impedance		50 Ω, Unbalanced	
RF Output Connector		7/8 - 1 + 5/8 on request "EIA Flange"	
VSWR		1.4:1 with automatic fold-back at higher VSWR	
Asynchronous AM S/N Ratio	dB	Typically > 70	
Synchronous AM S/N Ratio	dB	Typically > 55	
Harmonics suppression and Spurious	dB	Typically < 85	
Overall efficiency	%	Typically > 70	
RF Harmonics		Exceeds ETSI/CCIR/FCC requirements	
RF Spurious		Exceeds ETSI/CCIR/FCC requirements	

PJ08KPS-CA

Parameters	U.M.	Value	Notes
GENERALS			
RF Output Power	kW	8,5	
Frequency Range	MHz	87,5 – 108	
Frequency Stability	ppm	> 1	
Class of Emission		180KF8E Direct to Channel	
Stereo transmissions		Acc. to ITU-R / Rec. 450 (Pilot tone)	
RF Output Impedance		50 Ω, Unbalanced	
RF Output Connector		1-5/8" EIA Flange (3-1/8" EIA Flange on request)	
VSWR		1.4:1 with automatic fold-back at higher VSWR	
Asynchronous AM S/N Ratio	dB	Typically > 70	
Synchronous AM S/N Ratio	dB	Typically > 55	
Harmonics suppression and Spurious	dB	Typically < 85	
Overall efficiency	%	Typically > 70	
RF Harmonics		Exceeds ETSI/CCIR/FCC requirements	
RF Spurious		Exceeds ETSI/CCIR/FCC requirements	

All pictures are RVR's property and they are only indicative and not binding. The pictures can be modified without notice. These are general specifications. They show typical values and are subject to change without notice.



PJ10KPS-CA

Parameters	U.M.	Value	Notes
GENERALS			
RF Output Power	kW	10,5	
Frequency Range	MHz	87,5 - 108	
Frequency Stability	ppm	> 1	
Class of Emission		180KF8E Direct to Channel	
Stereo transmissions		Acc. to ITU-R / Rec. 450 (Pilot tone)	
RF Output Impedance		50 Ω, Unbalanced	
RF Output Connector		1-5/8" EIA Flange (3-1/8" EIA Flange on request)	
VSWR		1.4:1 with automatic fold-back at higher VSWR	
Asynchronous AM S/N Ratio	dB	Typically > 70	
Synchronous AM S/N Ratio	dB	Typically > 55	
Harmonics suppression and Spurious	dB	Typically < 85	
Overall efficiency	%	Typically > 70	
RF Harmonics		Exceeds ETSI/CCIR/FCC requirements	
RF Spurious		Exceeds ETSI/CCIR/FCC requirements	

PJ20KPS-CA

Parameters	U.M.	Value	Notes
GENERALS			
RF Output Power	kW	21	
Frequency Range	MHz	87,5 - 108	
Frequency Stability	ppm	± 1	
Class of Emission		180KF8E Direct to Channel	
Stereo transmissions		Acc. to ITU-R / Rec. 450 (Pilot tone)	
RF Output Impedance	Ω	50	
RF Output Connector		3-1/8" EIA Flange	
VSWR		1.4:1 with automatic fold-back at higher VSWR	
Asynchronous AM S/N Ratio	dB	Typically > 70	
Synchronous AM S/N Ratio	dB	Typically > 55	
Harmonics suppression and Spurious	dB	Typically < 85	
Overall efficiency	%	Typically > 72-74	
RF Harmonics		Exceeds ETSI/CCIR/FCC requirements	
RF Spurious		Exceeds ETSI/CCIR/FCC requirements	

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PJ32KPS-CA

Parameters	U.M.	Value	Notes
GENERALS			
RF Output Power	kW	33,6	
Frequency Range	MHz	87,5 – 108	
Frequency Stability	ppm	± 1	
Class of Emission		1B0KF8E Direct to Channel	
Stereo transmissions		Ace to ITU-R / Ree 450 (Pilot tone)	
RF Output Impedance	Ω	50	
RF Output Connector		3-1/8" EIA Flange (4-1/2" EIA Flange on request)	
VSWR		1.4:1 with automatic fold-back at higher VSWR	
Asynchronous AM S/N Ratio	dB	Typically > 70	
Synchronous AM S/N Ratio	dB	Typically > 55	
Harmonics suppression and Spurious	dB	Typically < 85	
Overall efficiency	%	Typically > 72-74	
RF Harmonics		Exceeds ETSI/CCIR/FCC requirements	
RF Spurious		Exceeds ETSI/CCIR/FCC requirements	

PJ60KPS-CA

Parameters	U.M.	Value	Notes
GENERALS			
RF Output Power	kW	65	
Frequency Range	MHz	87,5 – 108	
Frequency Stability	ppm	± 1	
Class of Emission		1B0KF8E Direct to Channel	
Stereo transmissions		Ace to ITU-R / Ree 450 (Pilot tone)	
RF Output Impedance	Ω	50	
RF Output Connector		4-7/2" EIA Flange (4-1/2" EIA Flange on request)	
VSWR		1.4:1 with automatic fold-back at higher VSWR	
Asynchronous AM S/N Ratio	dB	Typically > 70	
Synchronous AM S/N Ratio	dB	Typically > 55	
Harmonics suppression and Spurious	dB	Typically < 85	
Overall efficiency	%	Typically > 72-74	
RF Harmonics		Exceeds ETSI/CCIR/FCC requirements	
RF Spurious		Exceeds ETSI/CCIR/FCC requirements	

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R.V.R. Elettronica S.r.l.
Via del Fonditore, 2/2c
40138 Bologna Italy

Phone +39 0516010506
Fax +39 0516011104
sales@rvr.it - www.rvr.it





R.V.R. Elettronica S.r.l.
Via del Fonditore 2/2
40138 Bologna - Italy
Phone +39 0516010506
sales@rvr.it

www.rvr.it