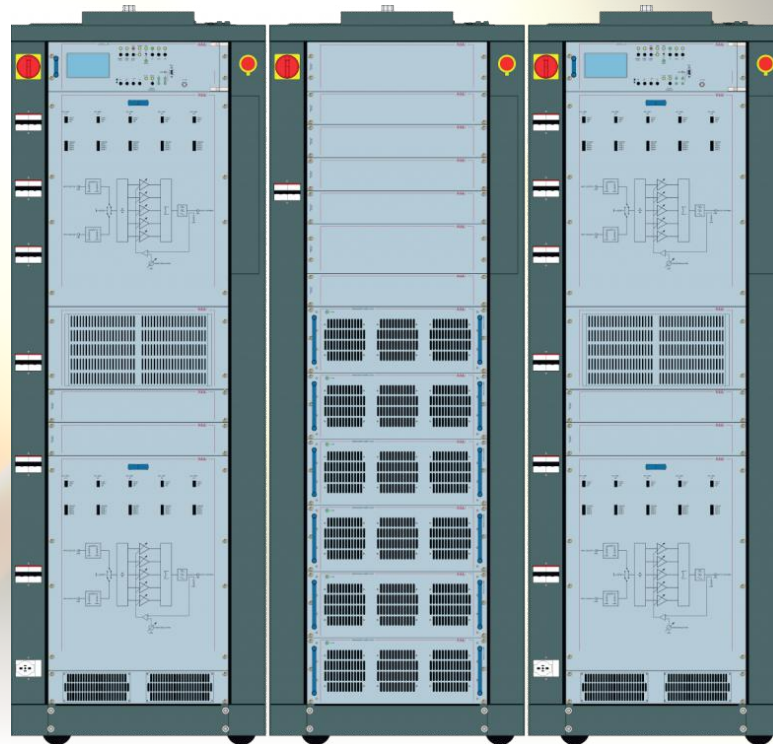


PJ-KPS-CA SERIES

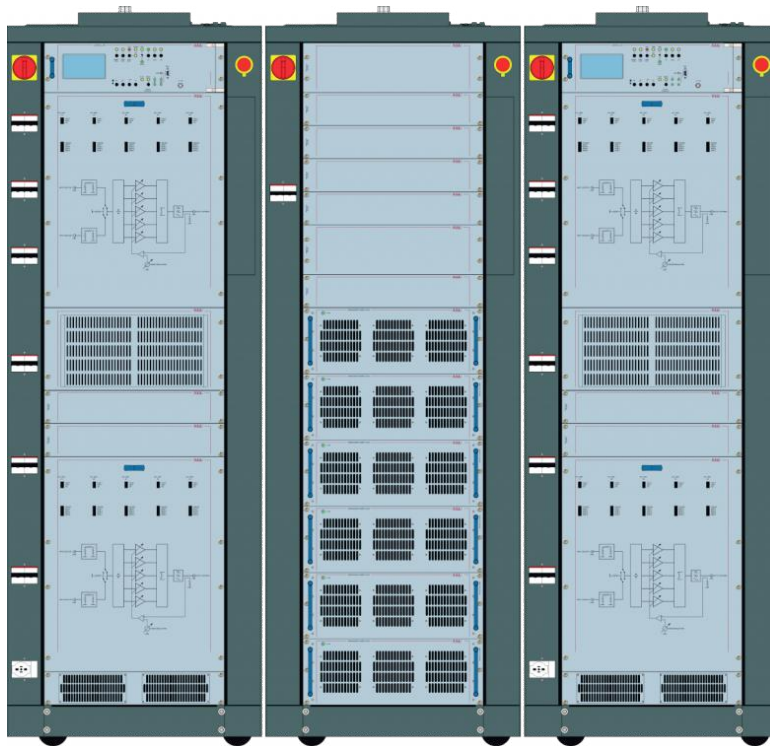
PJ-PLUG-IN

MODEL PJ40KPS-CA



ORDERING INFORMATION

Model	Description
PJ40KPS-CA	40.000W PLUG-IN system.



PJ40KPS-CA

40.000W PLUG-IN system.

FEATURES

- Tunable over entire FM band (87.5 – 108 MHz), without tuning.
- Overall efficiency better than 70%.
- Hot-pluggable and broadband power amplifier modules.
- Each module features switching mode power supply to control and stabilize power supply voltage.
- Each amplifier module provides Automatic Power Control.
- Suitable for mono & stereo broadcast operations.
- Protection against high VSWR, overdrive, overcurrent and overtemperature.
- Compliance to IEC safety standards.> Compliance to ETSI – CCIR – FCC standards.
- Entire transmitter can be switched off through an emergency button.
- High redundancy guaranteed by 3 power modules of 2.2 kW RF power.
- All measurement and working parameters are displayed on front panel.
- Remotely controllable by telemetry system.> Design for 24/7 non-stop operation.

PJ40KPS-CA

Parameters	U.M.	Value	Notes
GENERALS			
RF Output Power	kW	42	
Frequency Range	MHz	87,5 – 108	
Frequency Stability	ppm	± 1	
Class of Emission		180KF8E Direct to Channel	
Stereo transmissions		Ace to ITU-R / Ree 450 (Pilot tone)	
RF Output Impedance	Ω	50	
RF Output Connector		4-1/2" 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	

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.



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