

EEI REACTIVE COMPENSATOR

In the last 30 years EEI has provided various reactive power compensators as tailor made solutions for different applications:

- Power factor correction on the point of connection
- Reactive power injection according to the drop voltage controller
- Reactive power set point by an external controller through Modbus TCP/IP interface or analogic signal

MAIN FEATURES

- Modular IGBT power circuit architecture
- Film capacitors
- Low inductance connections
- LC sinusoidal filter
- Full digital PWM management
- HMI with datalogger for remote control
- Designed on customer request

MAIN ADVANTAGES:

- High reliability ensured
- Extended lifetime
- Easy accessibility and maintenance
- Low current harmonics distortion <5%
- Suitable for different type of plants



ADVANCED
flexible software configuration
allow wide functionalities



READY
Turn-key cabinet solution with easy
accessibility and maintenance

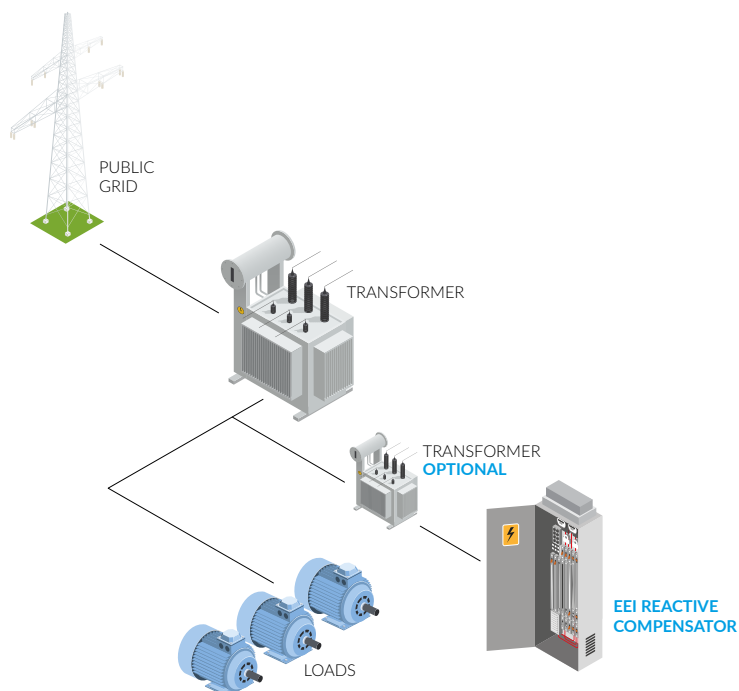


RELIABLE & EFFICIENT
Equipped with latest power technology and
design with more than 40 years of experience



COOLING
Available air and
water solution





MODEL	RPC-75	RPC-115	RPC-178	RPC-356
GENERAL SPECIFICATION				
Input voltage MV	TBD	TBD	TBD	TBD
Input voltage LV	500Va.c. ±10% 3Ph	600Va.c. ±10% 3Ph	600Va.c. ±10% 3Ph	600Va.c. ±10% 3Ph
Nominal Frequency	15÷75Hz	15÷75Hz	50÷60Hz	50÷60Hz
Nominal Power	650kVAr	1200kVAr	1850MVA	3700MVA
Nominal Current	750A	1150A	1780A	3560A
Dimensions (WxHxD)mm	1960x 2200x 750	2000x2600 x 1000	2000x2600 x 800	2000x2600 x 1000
ENVIRONMENTAL CONDITIONS				
Operating Temperature	0°C ÷ +40 °C	0°C ÷ +40 °C	0°C ÷ +40 °C	0°C ÷ +40 °C
Storage Temperature	-5 °C ÷ +50 °C	-5 °C ÷ +50 °C	-5 °C ÷ +50 °C	-5 °C ÷ +50 °C
Operating relative humidity	95% @ 20°C no condensing			
Operating Altitude	< 1000 m a.s.l.	< 1000 m a.s.l.	< 1000 m a.s.l.	< 1000 m a.s.l.
IP Protection	IP 43 (*)	IP 43 (*)	IP 21	IP21
Cooling System	Water/Air	Water/Air	Water/Air	Water/Air
INTERFACE				
HMI and communication	7" Touch panel with datalogger, Ethernet Modbus TCP/IP for remote control, programming and command			
PROTECTIONS				
Self-diagnostic	Over current, Short circuit, Ground Fault, Phase loss detection, Over Voltage, Under Voltage, Over temperature. Others upon request.			

(*) Other standard on request

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