



Reactive Compensation

GGJ Low-Voltage Reactive-Power Compensation Switchgear

GGJ low-voltage reactive-power compensation switchgear is computer-aided (CAD) designed with microcomputer control, performing intelligent tracking compensation of reactive power. With a sound structure and advanced technology, it is widely used in low-voltage grids to raise the power factor, reduce reactive losses and improve supply quality — an energy-saving product dedicated to reactive-power compensation for 130–600 kVA three-phase transformers.

MODEL DESIGNATION

GGJ□□-0.38-□□

GGJ	intelligent reactive-power compensation device	□	D = dynamic (blank = static)
□	H = hybrid, F = split-phase (blank = three-phase)	0.38	system rated voltage (kV)
□	rated capacity (kVar)	□	W = outdoor (blank = indoor)

TECHNICAL SPECIFICATIONS

Rated voltage	0.38 – 0.66 kV
Rated frequency	50 Hz
Rated capacity	1 – 600 kVar
Applicable voltage range	0.85 – 1.1 × rated voltage
Max allowable current	1.3 × rated current
Control loops	1 – 16
Switching time	1 – 150 s / step (adjustable)
Operation mode	Automatic, continuous

KEY FEATURES

- ▶ Intelligent controller raises power factor to 0.9 or above; automatic, fully-featured compensation
- ▶ Integrated protection: over-voltage, over-harmonic, over-compensation, system fault, phase-loss, overload
- ▶ Split-phase or hybrid compensation to match grid load balance
- ▶ Real-time power-factor display: lagging & leading (0.00–0.99)
- ▶ Settings retained after outage; auto-resumes on power restore, unattended
- ▶ Strong anti-interference — withstands 2000V grid surges, above national standard