EATS400V / EATS400V-G

ELECTRICAL CONTROLLER AND THYRISTOR

TECHNICAL DATASHEET

300 kVA | 400 V AC

PRODUCT ENCLOSURE



KEY RATINGS

300 kVA
Grid / load power

433 A
Rated grid current

400 V AC
Rated voltage

99.5%
Efficiency

SWITCHING TIME: < 3 min | RS485 | Modbus RTU | IP65

An electric actuator with a motor, reduction gear and limit mechanism for remote and automatic operation of circuit breakers and load switches.

TECHNICAL SPECIFICATIONS

PARAMETER	RATING
POWER & SWITCHING	
Grid port power	**300 kVA**
Rated current of grid port	**433 A**
Load side port power	**300 kVA**
Rated voltage	**400 V AC**
Grid voltage range	**400 V AC +/-15%**
Rated frequency	**50 / 60 Hz**
Switching time (on-grid / off-grid)	**< 3 min**
Efficiency	**99.5%**
Auxiliary power	**/**
GENERATOR INPUT (EATS400V-G)	
Generator rated input power	**138 kVA**
Generator rated input current	**200 A**
Generator rated input voltage	**400 V AC**

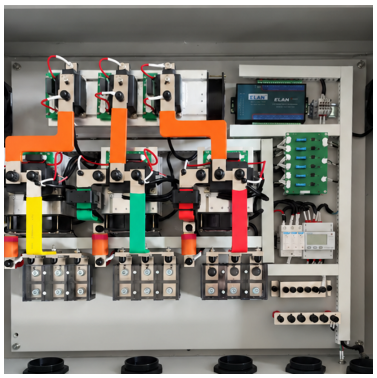
PARAMETER	RATING
COMMUNICATION	
Communication port	**RS485**
Protocol	**Modbus RTU**
SYSTEM & CONNECTIONS	
Dimensions (W x D x H)	**1,000 x 800 x 300 mm**
Weight	**About 65 kg**
Working temperature	**-25°C to 55°C; reduced above 45°C**
Storage temperature	**-45°C to 70°C**
Cooling method	**Natural air cooling**
Protection rating	**IP65**
Connection mode	**Three-phase, four-wire**
Maximum altitude	**4,000 m; derate 1% / 100 m above 2,000 m**
Power connections	**Grid: RST; load: UVW**
Generator module (SCR)	**Optional**

INTERIOR VIEW

EATS400V



GENERATOR INPUT (EATS400V-G)



Generator module (SCR): Optional