

BATTERY RECTIFIER UNIT

RAG24

The Inotel RAG24 battery rectifier unit is an uninterruptible DC power supply designed to meet 24 VDC industrial power requirements. It integrates a rectifier, battery, and filter group within a single system. The RAG24 series rectifier has been developed using innovative power electronics engineering techniques. As a result, it offers users:

- High efficiency,
- Long lifespan,
- Cost-effectiveness,
- High stability.



GENERAL

Operating Temperature	-20°C...+55°C
Storage Temperature	-20°C...+55°C
Humidity	%95
Protection Class	IP22
Cooling	Fan Cooling

DIMENSIONS

Height x Width x Depth	290 x 390 x 620 mm
Weight	52 kg

ELECTRICAL SPECIFICATIONS

Supply Voltage	230 Vac (+/- 20%)
Max. Input Current	6A
Max. Input Power	1.125 VA
Output Voltage	21-27.6 Vdc
Max. Output Current	25 A
Max. Output Power	675 W
Power Factor	>0.8
Efficiency	>75%
Battery Charge Current	2.6 A

TEST & CERTIFICATION

TEDAŞ-MLZ/2018-065.A

HMI TOUCH SCREEN & LED INDICATORS

Screen	2.8" TFT-LCD touch panel
Menus	System/Alarm/Configuration
Functions	Current limiting Voltage adjustment Deep discharge protection Soft start feature Independent adjustment of battery charge current and total system current Battery maintenance programs Temperature values Battery full, normal, and automatic charge mode
LEDs	MCB Position and Alarm LEDs

CONNECTION INTERFACES

Communication	1x RS485 port for MODBUS 16x SPDT (NO/NC)
Relay Outputs	5 A 30 Vdc 10 A 277 Vac

AREAS OF USE

Transformer Stations
LV Distribution Panels
SCADA Systems
Automation System
Industrial Facilities
Power Plants

