

LiFePO₄ Long-Life Battery Rectifier Group

LiR24

Inotel LiR Series Rectifier has been developed by combining LiFePO₄ (Lithium Iron Phosphate) battery technology with innovative power electronics engineering. Thanks to this integration, the LiR24 offers its users:

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



GENERAL

Operating Temperature	-10°C...+45°C
Storage Temperature	-20°C...+60°C
Protection Class	IP20
Mounting	Panel Type

DIMENSIONS

Height x Width x Depth	162 x 98 x 141 mm
Weight	2178 gr

ELECTRICAL SPECIFICATIONS

Supply Voltage	220 Vac (+/- 20%)
Maximum Supply Current	2A
Output Voltage	27 Vdc
Maximum Output Current	3A Continuous 10A Short-Term
Battery Type	LiFePO ₄ (Lithium Iron Phosphate)
Battery Capacity	6 Ah
LED Indicator	AC OK DC OK

FUNCTIONS

- 27 Vdc Output Voltage (>98% Load Regulation)
- 10,000 Charge/Discharge Cycles
- Battery Deep Discharge Protection
- Short Circuit and Overload Protection on every cycle
- Long Lifespan due to high charge/discharge cycles and deep discharge resilience
- Deep Discharge Protection, Short Circuit Protection, Overload Protection

AREAS OF USE

- Low Voltage Panels
- Transformer Substations
- SCADA Systems
- Automation Systems

