
ADC 4890 telecom rectifier



Battery charger / Power supply

- 48 VDC battery charger / power supply
- Alarm relay, battery MCB
- Parallel connection possible
- Compact and low weight 19" mounting

ADC 4890 has been specially developed for mounting in standard 19" rack systems together with e.g. telecom equipment, telephone exchanges, etc. The supply has a small built-in depth

and low height (2HE), and multiple parallel units can be mounted for powerful redundant (N+1) power transmission systems.

Test/gauge jacks in front and clear indications of operational status ensure easy servicing.

EXIDE can supply complete systems with racks/cabinets and batteries on 19" battery shelves, adapted to special requirements for effect, time and mounting conditions.

ADC 4890 telecom rectifier

Technical specifications

Type	ADC4890
Input voltage:	184...264 VAC
Input frequency:	45...65 Hz
Nominal output voltage:	48 VDC (charging voltage: typically 54.4VDC)
Output voltage, adjustment range:	40...60VDC
Maximum output current:	12.5 A at 48VDC
Output stability at 0-100% load:	+2/-1%
Output voltage tolerance:	1%
Output ripple:	<100mV p.p.
Gauge terminal on front:	Output voltage and output power
Status indication (LED):	Low/high voltage, error
Alarms:	Relay switch on high/low voltage, error
Insulation: Input – cabinet:	3000VAC
Input – output:	3000VAC
Output – cabinet:	500VAC
EMC standards:	EN50081-1, EN50082-2, EN55022B, EN61000-4-2, EN50140, EN50204 EN61000-4-4, EN50141
Labelling:	CE, FI
Cabinet:	Metal cabinet, IP20
Dimensions:	19" (482 mm) x 2U (88 mm) x 255 mm (WxHxD)
Weight:	5.5 kg
Cooling:	Natural convection
Temperature range:	Operation: -25°C...+55°C