

D. C. Track Circuit Equipment for Railway Signaling TRACK FEED BATTERY CHARGER

Features:

- Application in DC Track Circuit
- Suitable for charging 1 or 2 or 3 or 4 lead acid cells
- Charger capacity: 5 A, 10 A
- Suitable for Cell rating: 40 AH OR 80 AH
- Robust Construction
- ON / OFF Rotary switch
- Cell selection switch
- On Indication
- Potential free contact for remote indication
- Approved by RDSO Lucknow - Indian Railways



RDSO Specification No.
IRS/S/89/2013

Specifications:

Nominal Input Voltage	110 V AC, Single Phase
Input Variation	Selection taps at 90 V & 100
Input Frequency	50 Hz \pm 2Hz
Nominal Output Voltage	1.6 V/cell to 1.9 V/cell (At 50% rated current)
Efficiency	> 50% on Rated load at Max cell
Regulation of Transformer	< 5% at Max output and rated current.
No Load Current	< 10% of the Max Rated input current.
Temperature Rise	< 55°C above ambient
Operating Temperature	0°C to 50°C; RH<95% (Non-condensing)
Insulation Voltage	2 kV between Input/Output, Input/Earth and Output/Earth for ONE minute.
Insulation Resistance	> 10 M Ω for charger and 100 M Ω for transformer.
Class of Insulation	"F"
Max Dimensions	L-300(mm), W-200(mm), H-200(mm)

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