

Specification for Constant voltage /constant current Battery Charger

This constant current ,constant voltage current battery charger should be suitable to charge the battery of WAG-9 loco as well conventional locomotive .

Technical specification

1. Input : 410-440 V, three phase, 50Hz, A.C. supply
2. Charger's output : 0V-160V D.C. 0 - 60Amps.
3. Mode selections : CC /CV by Rotary switch
4. Type of rectifier : Full wave Thyristor 3 phase bridge
5. Type of Transformer : Double wound.
6. Protection : Against
 - a. Short Circuit
 - b. Over load
 - c. Battery Reverse
7. Indications :
 1. Mains on
 2. DC on
 3. Battery Reverse
 4. Alarm
8. Meters :
 1. 0-200V Charging DC Voltmeter –1 No.
 2. 0-100A Charging DC Ammeter – 1 No.
 3. 0-100A Discharging DC Ammeter – 1 No.
 4. AH meter cum controller
 5. VAF

Other Conditions

- The equipment shall be under warranty/guaranteed for two years from the date of successful commissioning on the equipments at ELS/TKD.
- The decision of Railway in regard to the cause of failure or nature of rectification to be carried out by the supplier during guarantee period shall be final and binding on the part of contract