

Supply portion at the stores (Responsibility of IPS supplier)

2. Supply of IPS as per indenting configuration alongwith surge protection devices (in a separate wall mountable SPD box) and Status Monitoring panel. ✓
3. Supply of 110V battery bank and wooden rack alongwith its all accessories. ✓
4. Supply of minimum spares as per Annexure-II of the specification or as indented by the railway. ✓
5. Supply of tool kit containing all type tools required for maintenance of IPS. ✓
6. Supply of exhaust fan 12" size. ✓
6. Supply of copper cable of suitable dia as per IS: 694 and grade 1100V for connecting IPS to Battery bank (distance to be given by Railways at the time of indenting) as given below –
 - a) For 120AH battery – 10Sq.mm
 - b) For 200AH battery – 16 Sq.mm
 - c) For 300AH battery – 25 sq.mm
7. Supply of 12 core, 1.5 sq.mm signalling cable as per IRS:S 63/2007 with Amd. 1 for connecting IPS to Status Monitoring Panel in Station Master's room (distance to be given by Railways at the time of indenting). ✓
8. Supply of User's Instruction Manual. ✓

B. Installation & Wiring (Responsibility of Works executing agency)

1. Installation of IPS as per Specification.
2. Electric wiring and bringing AC input supply upto IPS.
3. All wiring/ducting from/to IPS and Relay room, Battery room & Station Master's room.

C. Commissioning of IPS (Responsibility of IPS supplier)

1. Charging the battery as per battery manufacturers guidelines (power for battery charging shall be arranged by the Railways).
2. Interconnecting all the modules /racks of IPS (including 230V AC input supply) and commissioning of IPS.
3. Checking the working of all modules of IPS alongwith all indications/ alarms.