

# SOLAR BALANCE OF SYSTEM COMPONENTS



Solar  
DC/AC  
Cable



MC4 Connectors



Distribution Box



GI Copper Strips &  
Wires Ferrule + Markers



Lightning Arrester



Earthing Electrode  
with Mineral



DC & AC  
Distribution Box



Fire Extinguisher  
Fire Buckets



### Lightening Arrestors



|             |   |               |
|-------------|---|---------------|
| Model       | LAC   | LAE           |
| Material    | Copper & Copper Bonded  | SS            |
| Type        | Single-Spike / Franklin / Multi-Spike   | ESE           |
| Radius      | 2 to 10 mtrs  | Upto 107 mtrs |
| Capacity    | 50 KA peak  | 100 KA peak   |
| GI Mast     | <input type="checkbox"/> 1m <input type="checkbox"/> 2m <input type="checkbox"/> 3m <input type="checkbox"/> 4m <input type="checkbox"/> 5m |               |
| Application | <input type="checkbox"/> Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial                                |               |

### Earthing Electrode / Pipe



As per IS-3043  
CPRI Certified

|               |   |         |
|---------------|---|---------|
| Model         | RCBxx   | PGLxx   |
| Material      | Copper Bonded Rod   | GI Pipe |
| Diameter      | <input type="checkbox"/> 17.2mm <input type="checkbox"/> 25mm <input type="checkbox"/> 32mm <input type="checkbox"/> 42mm <input type="checkbox"/> 50mm <input type="checkbox"/> 80mm |         |
| Length        | <input type="checkbox"/> 1m <input type="checkbox"/> 2m <input type="checkbox"/> 3m   |         |
| Coating       | <input type="checkbox"/> 120mic <input type="checkbox"/> 150mic <input type="checkbox"/> 250mic   |         |
| Fault Current | 15kA  | 20kA    |
| Application   | <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Utility  |         |

### Earthing Minerals



|                     |  |                                  |   |
|---------------------|--|----------------------------------|---|
| Model               | GEC  | GEC+                             | GEC++   |
| Capacity            | <input type="checkbox"/> 10kg                                  | <input type="checkbox"/> 15kg    | <input type="checkbox"/> 25kg                                 |
| Mixture             | Carbon   | Bentomite                        | Graphite Based  |
| Suitability of Soil | <input type="checkbox"/> Dry <input type="checkbox"/> Moisture | <input type="checkbox"/> Wet     | <input type="checkbox"/> Sandy <input type="checkbox"/> Rocky |
| Purity              | 100%   |                                  |   |
| Resistance          | <5 ohm   |                                  |   |
| Application         | <input type="checkbox"/> Residential                           | <input type="checkbox"/> Utility | <input type="checkbox"/> Industrial                           |

### Earthing Conductors



|            |  |  |
|------------|--|--|
| Type       | Stripes  | Wires  |
| Model      | ECS  | ECW  |
| Material   | <input type="checkbox"/> GI <input type="checkbox"/> CU <input type="checkbox"/> AL <input type="checkbox"/> CBR | <input type="checkbox"/> CU <input type="checkbox"/> AL        |
| Size       | 20 to 50 mm  | 2.5 to 70 Sqmm   |
| Thickness  | <input type="checkbox"/> 3mm <input type="checkbox"/> 6mm  | <input type="checkbox"/> Nil                                   |
| Insulation | <input type="checkbox"/> Insulated <input type="checkbox"/> Non-Insulated  | <input type="checkbox"/> PVC <input type="checkbox"/> Enameled |

### Interconnection Cables | Bus Bar



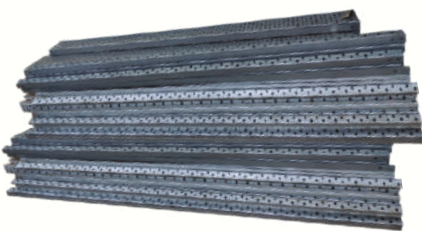
|             |   |   |
|-------------|---|---|
| Model       | EJB   | EJW   |
| Type        | Bus Bar   | Wire  |
| Material    | <input type="checkbox"/> Cu <input type="checkbox"/> CBR                                | <input type="checkbox"/> Copper                           |
| Insulation  | <input type="checkbox"/> Insulated Base   | <input type="checkbox"/> FRLS <input type="checkbox"/> FR |
| Thickness   | <input type="checkbox"/> 3mm <input type="checkbox"/> 6mm <input type="checkbox"/> 10mm | 2.5 to 10 sq mm   |
| Application | To interconnect all Body Earthing   | Panel to Panel Earthing                                   |

### Earth Pit Chambers



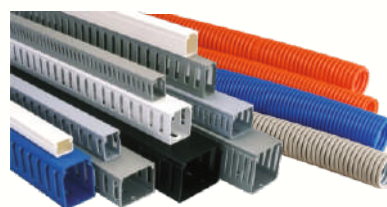
|                  |                                   |                                   |
|------------------|-----------------------------------|-----------------------------------|
| Material         | FRP                               | MS                                |
| Shape            | Square                            | Round                             |
| Surface Finish   | Polished                          | Powder Coated                     |
| Size             | 180 - 300 mm                      |                                   |
| Opening for      | <input type="checkbox"/> Strips   | <input type="checkbox"/> Wire     |
| Loading Capacity | <input type="checkbox"/> 3 Tonnes | <input type="checkbox"/> 5 Tonnes |

### Cable Trays & Fasteners



|             |                                 |                    |
|-------------|---------------------------------|--------------------|
| Type        | Perforated                      | Ladder             |
| Material    | GI / Hot-Dip Galvanised         | Hot-Dip Galvanised |
| Width       | Upto 400mm                      | Upto 600mm         |
| Height      | Upto 75mm                       | Upto 100mm         |
| Application | Industrial / Utility / Domestic |                    |

### Cable Ducts & Hose



|             |   |               |
|-------------|---|---------------|
| Type        | U Lock  | V Lock        |
| Material    | PLC   | FRLS          |
| Width       | Upto 150mm  |               |
| Length      | <input type="checkbox"/> 1m <input type="checkbox"/> 2m |               |
| Application | Domestic  | Industrial    |
| Slotted     | Thin / Normal   | Thin / Normal |
| Hose Dia    | 12-50mm   |               |

### Cable Ties | Tag | Ferrules | Sleeves



|             |   |
|-------------|---|
| Material    | <input type="checkbox"/> Polyamide <input type="checkbox"/> Nylon <input type="checkbox"/> PVC  |
| Ties Length | <input type="checkbox"/> 100 <input type="checkbox"/> 150 <input type="checkbox"/> 200 <input type="checkbox"/> 250 <input type="checkbox"/> 300 <input type="checkbox"/> 350 |
| Tag Size    | 2.5 to 400 Sqmm   |
| Ferrules    | Alpha-numeric-0.5 to 25 Sqmm  |
| Sleeves     | Heat shrinkable with different colour   |
| Protection  | <input type="checkbox"/> UV   |
| Application | <input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor  |

### Solar Connectors



|                 |                             |                  |
|-----------------|-----------------------------|------------------|
| Type            | Field / Panel               | Branch Connector |
| Material        | Polyamide                   |                  |
| Terminals       | Tinned Copper               |                  |
| Application     | PV, Outdoor                 |                  |
| Protection      | IP68                        | IP65             |
| Size            | 4-6Sq.mm                    |                  |
| Compatible with | MC3, MC3, Sunclix, Amphenol |                  |

### Cable Glands | Terminal Lugs



|             |                                 |            |
|-------------|---------------------------------|------------|
| Material    | Copper                          | Aluminium  |
| Type        | Pin / Ring                      | Ring       |
| Size        | 0.5 to 150Sq.mm                 | 6-400Sq.mm |
| Ring Dia    | 6-16mm                          |            |
| Grade       | ETP                             |            |
| Coating     | Tinned                          | EC         |
| Application | Domestic / Industrial / Utility |            |
| Purity      | 99.9%                           |            |

### Route Marker | Trench Marking Tape | Duct Sealant



|                   |   |                 |
|-------------------|---|-----------------|
| Route Marker      | Metal   | Anti Corrosive  |
| Marking Tape      | PVC with adhesive   |                 |
| Tape Size         | <input type="checkbox"/> 75mm <input type="checkbox"/> 100mm <input type="checkbox"/> 150mm |                 |
| Duct Sealant      | Fire Resistant  | Sinthetic-Latex |
| Sealant Cure Time | 24 to 72 Hrs  |                 |
| Application       | <input type="checkbox"/> LV <input type="checkbox"/> MV <input type="checkbox"/> DC         |                 |