## CONSTRUCTION DATA FORM (CDF) FOR POWER BANKS

|  |  |
| --- | --- |
| Factory name & Address |       |
| Test Item | Power Banks |
| Trade Mark / Brand |       |
| Model / Type Reference |       |
| Rated current (A) / Rated voltage (V) |       A /       V |
| Overall size of the equipment | Length:       Breadth:       Height:       |
| Mass of the equipment |       Kg |
| Marked degree of protection to IEC 60529 | IP       |
| ***Series Formation Basis, if applicable***With External Adaptor* Same rated input voltage and Power
* Same class of construction
* Same degree of ingress protection
* Same PCB design and layout
* Same battery/cell type
* Same material characteristics for enclosure

With in-built Adaptor* Same rated input voltage and Power
* Same degree of ingress protection
* Same mains PCB design and layout
* Same battery/cell type
* Same charging circuit
* Same material characteristics for enclosure
 | Models included in this series |       |
| Similarities |       |
| Differences |       |
| Worst Case |       |
| Max. Accessories used |       |
| Model / sample submitted for testing |       |
| Please provide | * Schematic Diagram
* User Manual
* Instruction for dis-assembly
* Rating Label (1 extra sample)
* Extra Fuses / GD Tubes / MOVs / X or Y Capacitors (10 each) if used
 | * Mains / SMPS board layout as gerber or 1:1 PDF
* Enclosure drawing with material details
* Type of Batteries and Cells
* Adapter if used must be BIS registered
 |

|  |
| --- |
| List of Safety Critical Components and Materials (Power Banks) |
| Object/PartNo. | Manufacturer/Trademark | Type/Model | TechnicalData | Standard | Mark(s) ofConformity | TestReport |
| Enclosure |       |       |       |       |       |       |
| PCB |       |       |       |       |       |       |
| Connectors / Any port is used |       |       |       |       |       |       |
| Battery |       |       |       |       |       |       |
| LEDs, if used,Laser Classapplicable |       |       |       |       |       |       |
| Internal wire, if any |       |       |       |       |       |       |
| Adapter if used |       |       |       |       |       |       |
|       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |

*The sample submitted should be a complete unit with Adapter (if used), Additional Mains Adapter &Additional enclosure if feasible, Circuit Schematic Diagram, Block Diagram, PCB Layouts, Real time clock battery details with its protective, Accessible ports, Any special construction / additions, List*