

EV wiring harnesses

For EV and e-mobility makers we build harnesses to drawing: battery-pack interconnects, BMS and sensor looms, charger and controller harnesses. Flexible copper conductor from our own drawing line, sleeving and connectors as specified, every harness checked before it ships.

EV WIRING HARNESS

APPLICATION	Battery packs, BMS and sensor looms, chargers, controllers — low-voltage side
CONDUCTOR	Flexible annealed copper, drawn and bunched in-house
CABLE	PVC flexible cable made in-house; other insulations on request — to be confirmed per project
TERMINALS AND CONNECTORS	To your drawing, from approved vendors
PROTECTION	Sleeving, tape or convoluted tube as specified
CHECKS	Continuity and crimp checks on every harness
VOLTAGE CLASS	Specify in your drawing — we confirm fit before sampling

What to send us for a quote

- Harness drawing with cable sizes and lengths
- Connector and terminal part numbers
- Sleeving and routing requirements
- Voltage and current class
- Annual quantity and schedule

How we make it

- We review the drawing and confirm cable, terminals and connectors.
- Samples are built in our NPD facility and sent for your approval.
- Production harnesses are cut, crimped, dressed and checked on the harness line.

Typical uses

Electric two- and three-wheelers · Battery packs and BMS · Chargers and controllers · Energy storage systems

Made in-house

Copper drawing · Cable extrusion · Crimping and assembly · Sampling (NPD)

BIS · IS
694:2010

BIS · IS 1293
**Plugs and socket-
outlets**

ISO
**Quality,
environment,**

RoHS
**Restricted
hazardous**

MSME
**Udyam registered
manufacturer**

PVC insulated cables CM/L 8800110115	CM/L 8800188617	health and safety 9001 · 14001 · 45001	substances Certified by QVA	UDYAM-DL-07- 0000608
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Every part is built to your drawing. Where a value says "to drawing" or "confirm with us", we fix it with you before sampling. This sheet is generated from the specifications published at <https://www.reyanshelectronics.com/products/ev-wiring-harnesses> on 31 October 2026.