

Hoppecke proposal for 36 V battery terminal

- Hand plug - round pin connector on battery side (10 mm or other diameters)
- Pin inserted in lead block of the terminals
- Different locking, indexing and housing possibilities (still under construction)
- Possibility of single plug (+ and -) or separate plugs for + and -
- Various positions and directions possible
- Single plug (+ and -) is cheaper than separate plugs, easier / safer to handle
- Connector to battery engage force < 70 N (complete plug to 10 mm pins)
- electrical resistance 50 $\mu\Omega$ (each side) (10 mm pin)

Example: double contact plug for 36 V lead acid battery (locking and indexing features not yet implemented)

