

# Product data sheet

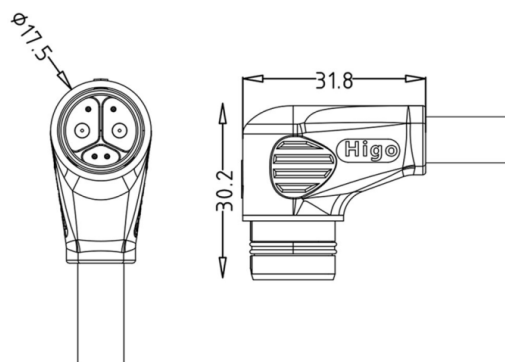
## Higo - Battery - F618A

### Male angled plug connector

## Push-on flexible

F618AG A 00 GN 1000

<https://www.higoconnector.com/en/e-bike-connector/f618aga00gn1000>



## Specifications

### General Characteristics

|                       |                   |
|-----------------------|-------------------|
| Number of contacts    | 6 (2+4)           |
| Connector shape       | Angled plug       |
| Gender                | Male              |
| Color                 | Black             |
| Upper temperature     | 80 °C             |
| Lower temperature     | -25 °C            |
| Locking               | Push-on flexible  |
| Protection degree     | IP67              |
| Mating cycles (times) | 3000 Mating times |
| Connector diameter    | 18 mm             |
| Fitting length        | 20 mm             |
| Cable Length          | 1000 mm           |
| Cable diameter        | 8 mm              |

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### Male angled plug connector

|                     |                                    |
|---------------------|------------------------------------|
| <b>Wire section</b> | 2 x 3,3 + 4 x 0,2 mm <sup>2</sup>  |
| <b>Remark</b>       | Other cable length/type on request |

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### Male angled plug connector

#### Electrical Parameters

|                                        |                   |
|----------------------------------------|-------------------|
| <b>Rated current</b>                   | 30 / 2 A          |
| <b>Rated voltage</b>                   | 48 V AC / 60 V DC |
| <b>Max. insulation resistance (M )</b> | ≥20 MΩ            |
| <b>Max. contact resistance (M )</b>    | ≤10 MΩ            |

#### Material

|                            |               |
|----------------------------|---------------|
| <b>Material jacket</b>     | PVC           |
| <b>Insulation wire</b>     | FEP           |
| <b>Material of contact</b> | Copper alloy  |
| <b>Contact plating</b>     | Silver plated |