

# Product data sheet

## Higo - Battery - Z624B

Battery male plug connector 48V code, no locking (push-on)

### Only for use in 48V applications

Z624BG P 00 B7 1000

<https://www.higoconnector.com/en/e-bike-connector/z624bgp00b71000>



## Specifications

### General Characteristics

Number of contacts	6 (2+4)
Connector shape	Plug
Gender	Male
Color	Black
Upper temperature	80 °C
Lower temperature	-25 °C
Locking	Push-on (no locking)
Protection degree	IP67
Mating cycles (times)	3000 Mating times
Connector diameter	21.2 mm
Cable Length	1000 mm
Wire section	2 x 2,0 + 4 x 0,34 mm <sup>2</sup>
Remark	Other cable length/type on request

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### Electrical Parameters

<b>Rated current</b>	45 / 5 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>	TPU
<b>Insulation wire</b>	PVC
<b>Material of contact</b>	Brass
<b>Contact plating</b>	Silver over Nickel