

# AC CONNECTION FOR MICRO INVERTER

**Product description:**

Rubber cable electric cable H07RN-F 3 x 1.5 mm<sup>2</sup>; mains connection cable Betteri BC01 to Schuko socket, for AC connection of the micro inverter to a Schuko socket.

Betteri BC01 to Schuko (CEE 7/7). Electric cable AC & Schuko VDE certificate.

Cable Diameter: 10mm

Connection cable with connector Betteri BC01 (Female) for micro inverter APsystems, Hoymiles, Deye, Envertech, Huayu, Bosswerk or TSUN-TSOL.

Connections: Betteri BC01 (socket) / Schuko (IP44). Up to max. 3500 watts.

Mains connection cable, for AC connection of the module inverter to a Schuko socket.

On one side with mounted Betteri BC01 (female) power connection socket, the other side with Schuko plug.

The H07RN-F 3 x 1.5 mm<sup>2</sup>-rubber hose line is approved according to VDE 0282 for use under heavy use.

They are oil, UV and ozone resistant and are suitable for temperature ranges from -30° C to +60° C.

Rated Current: 25A Max  
Rated Voltage: AC-250V  
Connector: Betteri BC01 Female or Compatible  
Cable: H07RN-F VED  
Ambient: -30°C-60°C  
IP: IP68

Mikro-Wechselrichter      Mikro-Wechselrichter

Betteri BC01 Buchse      Betteri BC01 Stecker

Endkappe für Betteri BC01 Buchse      Schuko-Stecker

## OUR ADVANTAGES

**EASY SOLUTIONS**

ADAPTABILITY IS ONE OF OUR BEST QUALITIES IT PERMIT US TO COPE WITH YOUR REQUEST ON A SHORT NOTICE AND EFFECTIVELY.

**NO PRICE FIGHTS**

WE ESCAPED THE CLASSICAL REBATE UNTIL YOU DROP \* POLICY . WE ARE PRICE WISE SINCE THE BEGINNING

**HIGH LEVEL EXPERIENCE**

OUR TECHNICAL CAPABILITIES HAVE BEEN TESTED FOR MORE THAN 30 YEARS AND IN DIRECT CONNECTION WITH END USERS . SO TODAY

**ENDLESS INVESTIGATION**

WE CONTINUOUSLY MEASURE EVERYTHING TEST . TEST AND TEST AGAIN . THIS HELPS UNDERSTAND RISKS AND REWARDS . AND BE PREPARED

**NO FORTUNE TELLER**

WE BASE OUR DECISIONS ON CLEAR BUSINESS PLANS . THINKING BEFORE MAKING OUR STEPS AND KEEPING- GA'NOTTODDO LIST FOR EVERY- ONE OF THEM

**TEAM BUILDING**

OUR TEAM IS MADE NOT ONLY BY OUR STAFF BUT IT INCLUDES ALSO ALL OUR CUSTOMERS WE ACT LIKE A TEAM WE GROW LIKE A TEAM WE WIN LIKE A TEAM

# BC01 FEMALE CONNECTOR TO VDE SCHUKO PLUG

A	B	C	Length (m)	Remarks
Betteri BC01 Female	H07RN-F VDE CABLE	VDE Schuko Plug	5m	AC250V, 25A
			10m	AC250V, 25A
			15m	AC250V, 25A
			20m	AC250V, 25A
			25m	AC250V, 25A
Betteri BC01 Compatible Female	H07RN-F CABLE	VDE Schuko Plug	5m	AC250V, 25A
			10m	AC250V, 25A
			15m	AC250V, 25A
			20m	AC250V, 25A
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Betteri BC01 Female	H07RN-F CABLE	VDE Schuko Plug	5m	AC250V, 25A
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			25m	AC250V, 25A
Betteri BC01 Compatible Female	H07RN-F CABLE	VDE Schuko Plug	5m	AC250V, 25A
			10m	AC250V, 25A
			15m	AC250V, 25A
			20m	AC250V, 25A
			25m	AC250V, 25A

**REMARK:**

1. AC SERIES CONNECTORS USE HIGH QUALITY WEATHER RESISTANCE MATERIALS THAT GUARANTEE LONG-TERM RELIABILITY. THE HARNESS COULD MATCH 3\*1.5MM<sup>2</sup> 3\*2.5MM<sup>2</sup> TO 3\*6MM<sup>2</sup> CABLES, THEY COULD BE WILDLY USED IN DIFFERENT APPLICATIONS. THE HARNESS SERIES CONNECTORS HAVE IP67 WATER-PROOF RATING AND CAN BE USED IN A WIDE OPERATING TEMPERATURE RANGE FROM -30 °C TO 60 °C .

2. CUSTOMIZED OPTIONS AVAILABLE, FOR MORE INFORMATION, PLEASE CONTACT US

L = brown or black wire      N = blue wire      PE = green/yellow wire

# PRODUCT MIX

DATASHEET  
AC CONNECTOR  
BC01, 3 POLE , FEMALE, SCREW CONNECTION , APPLICABLE WIRE GAUGE 2.5/4.0MM<sup>2</sup> (14/12AWG), HOUSING COLOR, BLACK

**Technical data**

Number of contacts	2 + PE
Rated current	25A (when use 4mm <sup>2</sup> wire)
Rated voltage	TUV: 250V AC      CSA: 250/350V AC
Contact resistance	≤ 1mΩ
Rated impulse withstand voltage	4000V AC
Over-voltage category	III
Pollution degree	2(Mated)
Waterproof Rating	IP68(1.5m, 24h)
Insertion and withdraw force	10~50N
Flammability Rating	UL94-V0
Rated temperature	-40℃~+85℃
Applicable wire gauge	2.5/4.0mm <sup>2</sup> or 14/12AWG
Outer cable diameter	10~13mm
Locking system	Bayonet
Model	
Connector Gender	Female
Wiring connection	Screw type
Material	
Housing and Dielectric material	PPO (Polyphenylene Oxide)
Contact Material	CuZn alloy
Contact Surface	Silver-plated
Sealing gaskets Material	Silicon
Standard	
EN61535:2012 & PPP 59015A:2013	IEC and VED - Safety requirements and tests
UL6703A	USA and Canada - Safety requirements and tests
RoHS compliant	Yes
Size	
Length	85.5mm
Width	35.0mm
Height	35.0mm
Weight	50.96g

# AC CONNECTION FOR MICRO INVERTER

EU Plug

## DETAIL DISPLAY

ONE

**OXYGEN FREE PURE COPPER**

Extra Flexible Bare Copper  
Class 6 acc.to IEC 60228

TWO

**INSULATION**

PUR/Special Rubber compound/on request

THREE

**REINFORCE**

steel wire / Kevlar braid (optional) /on request Play the role of bearing gravity and super tensile for the cable, and make the cable life longer

FOUR

**LOW ECCENTRICITY**

The outer skin is thin and uniform, effectively preventing current breakdown and ensuring power safety

FIVE

**HIGH FLEXIBLE THREAD BODY**

Special Thermoplastic Compound PUR/Special rubber compound based on NBR/others.Special Thermoplastic Compound PUR/Special rubber compound based on NBR/others

OIL RESISTANT

FLAME RESISTANT

HALOGEN FREE

COLD RESISTANT

ABRASION RESISTANT

OZONE RESISTANT

UV RESISTANT

MICROBE RESISTANT

MUD RESISTANT

WATER RESISTANT