

How to Connect Various Wires to the DC Hydraulic Power Pack (I) (INSULATE RETURN MOTOR)

1.Before using the DC Hydraulic Power Pack, read all instructions and examine diagrams. The motor needs a large current, so correct wires are required.

Refer to Chart: (Battery Power Wires)

Current(A)	Diameter of wire	Please Note
90(A)	$5.5(mm^2)$	Ambient Temperature:
120(A)	8.0(mm ²)	25~30°C
180(A)	14 (mm ²)	Working time:
230(A)	22 (mm ²)	approx 30 sec.
280(A)	30 (mm²)	Wire length: 1m
330(A)	38 (mm²)	





How to Connect Various Wires to the DC Hydraulic Power Pack (II) (EARTH RETURN MOTOR)

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How to Connect Various Wires to the DC Hydraulic Power Pack (III)

(EARTH RETURN MOTOR WITH TEMPERATURE PROTECTOR)

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180(A)	14 (mm ²)	Working time:
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How to Connect Various Wires to the DC Hydraulic Power Pack (IV)

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180(A)	14 (mm ²)	Working time:
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280(A)	30 (mm²)	Wire length: 1m
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How to Connect Various Wires to the DC Hydraulic Power Pack (I) (INSULATE RETURN MOTOR)

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2.Wire Connection Diagram





appendix B-6

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How to Connect Various Wires to the DC Hydraulic Power Pack (III)

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Refer to Chart: (Battery Power Wires) Current(A) Diameter of wire **Please Note** 5.5(mm²) Ambient Temperature: 90(A) $8.0(mm^{2})$ 25~30°C 120(A) 14 (mm^2) Working time: 180(A) 22 (mm²) approx. 30 sec. 230(A)

38 (mm²)

 30 (mm^2) Wire length: 1m

2.Wire Connection Diagram

280(A)

330(A)





How to Connect Various Wires to the DC Hydraulic Power Pack (IV)

(INSULATE RETURN MOTOR WITH TEMPERATURE PROTECTOR)

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2.Wire Connection Diagram

