

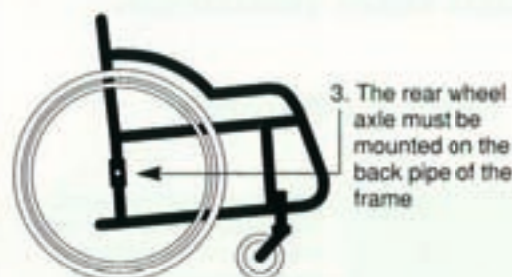


JW-II set

The power system and driving mechanism is installed in the wheel hub. It can be installed on almost any type of manual wheelchair.
 (Drive wheels (2), special charger (1), batteries (1), mounting brackets (2))

Adaptable wheelchair types

1. Wheelchairs except reclining and module type
2. The drive wheel must be 22,24 inches in its size



3. The rear wheel axle must be mounted on the back pipe of the frame

*For more details, contact the JW-II dealer nearest you, or call the toll-free number provided below.

JW-II model variations

Wheel type	Tire size	
JW-II	22" equivalent (22x1 1/2")	24" (24x1 1/2")
Type A	Detachable type	Detachable type
Type B	Detachable type	Detachable type

Guideline for model selection
 * Type A: For people who can grove hand rims.
 * Type B: For people who cannot grove hand rims

- The product specifications are subject to change without notice.
- The actual products may differ slightly in detail from those shown in the photos or described in this brochure due to possible specification changes for product improvement.
- Due to the color reproducing limitations of printing, product colors in the brochure may appear slightly different from actual colors.

Precautions for using the product

- Read the instruction manual carefully, and observe traffic manners.
- Practice in a spacious and safe area until you have enough confidence to operate the product.
- Avoid using the product, or ask for assistance, in the following conditions or places.
 - * On roads with heavy traffic, pedestrian crossing on wide roads, railway crossings, near the shoulders of a road, steep slopes, gravel or sandy roads, at night, on rainy days, muddy places, snow-covered or icy roads, in thick fog, or in strong winds.

URL: <http://www.yamaha-motor.co.jp/product/wheelchair/>

For further details of the JW-II, contact:

Steering Developments Ltd
 Unit 5, Eastman Way
 Hemel Hempstead
 Hertfordshire
 HP2 7HF
 Tel: 01442 212918
 Email: enquiries@steeringdevelopments.co.uk
 Website: www.steeringdevelopments.co.uk



Special battery

The compact Ni-MH battery weighs only 2.9kg and displays the battery capacity status in 5 stages. When fully charged, it is able to run continuously not less than the 15km.



Special battery charger

It is compact and lightweight, and charges the battery in about two to three hours. It is applicable to all range of voltage (100V to 240V).

Specifications

Product	A,B type	
Drive system	Direct rear wheel drive system	
Steering system	Steering with hand rims operation	
Brake system	Braking assist power + Manual wheelchair brake	
Diameter of drive wheel	Available in 22, 24 inches	
Installation system	Detachable	
Motor	Rated output 24V 90Wx2 (30 min)	
Battery	Ni-MH (specially designed for JW-II) 24Vx6.7Ah, 2.9kg (weight)	
Power supply	100 to 240V AC, 50-60Hz	
Battery charger	Charging system	Full automatic charging system
	Charging time	2 to 3 hours
	Range/Using distance	* not less than 15 km with fully charged battery
Supplementary power speed limit	Less than 6km/h forward and reverse	
Unit weight	15.9kg (including Battery)	

* In Yamaha-designed traveling patterns (22-inch wheels, fully charged battery, ordinary temperature of 25°C, continuous 5 km/h travel on flat surfaces)

Supplementary Electric Power Unit for Wheelchairs

JW-II



The JW-II can support to make wheelchair customers more independent and active with its "Magic Power".

Yamaha's New Technology Power Assist System (P.A.S.) Helps Open a New Horizon for Wheelchair Customers.



at dining out



at shopping



at your office

Enjoy Supplementary Electric Power with easy operation.
At any situation, JW-II can provide you "Magic power"
by your usual wheelchair operation.



at outdoor activities (foldable and light)



at walking out



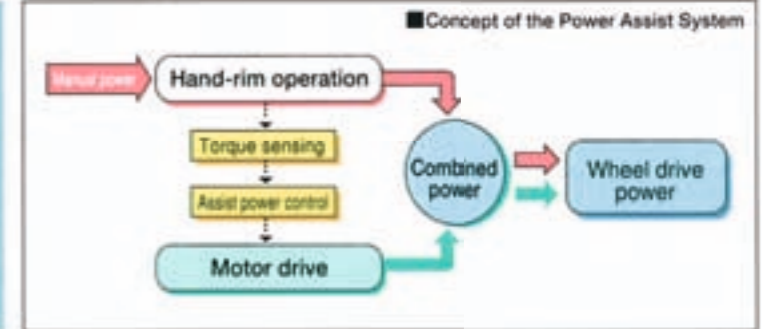
Surprisingly Light, and Exceptionally Smooth

What is P.A.S.?

The P.A.S. (Power Assist System), the unique system developed by YAMAHA provides wheelchair customers with harmonized human and motor power.

With the P.A.S., the JW-II can ...

- Make you more independent and active.
- Be effective to keep your physical functions well.



JW-II interfaces human being with nice features.

1 Easy installation to your wheelchair



Unit weight
only 15.9kg

2 Ni-MH battery



Compact size, but Big capacity

5 stages of Battery Capacity Display

3 Battery Charger



Battery charger has a self-voltage control system that enables you to utilize it in most areas in the world. Please select an appropriate adapter when you use it.

4 Braking function

At down slope, this programmed power assist control system controls the wheelchair speed like a car engine brake.

5 Easy access



Simple on-off switch is located just near the customer reach with their convenience.

Available in two types to match your own wheel-operating strength

Type A

This model is recommended for wheelchair customers who are strong enough to move around in wheelchairs but have difficulty in covering long distances or climbing hills. (Example: people with spinal cord disorder)

The supplementary power unit is activated when the manual operating power applied to the hand rim becomes relatively strong.



Type B

This model is recommended for wheelchair customers who have difficulty in operating the hand rims to move around. (Example: people with cervical vertebra disorder)

The supplementary power unit is activated even when a small amount of manual operating power is applied to the hand rim.

