



*Shutter Precision*  
Small but powerful

2 0 2 6



*Combination of Revolutionary  
and Distinctive Creation*

# FOREWORD

18-YEAR INNOVATION

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*We pursue the summit and  
present fusion of refinement and craft*

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All of the SP members love cycling. SP is an innovative and creative company, enthusing in the bicycle world and devoting efforts to developing excellent devices for riders. Initially we were from the optical and electronic industry. We enjoy our riding hobby and therefore, we brought our interests into work and joined the bicycle family in 2007. We are engineers, inventors and pioneers. We always want to bring tomorrow's technology to life and

commit to create the best.

SP is proud to be awarded ISO 9001 certification, an internationally recognized standard that ensures that our products and services meet the needs of our clients through an effective quality management system. All SP products are designed and manufactured in SP. As we seek refinement, we bring the best craft to the world.

*Bayou Lin*

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INTRODUCTION



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Tour Divide Mountain Bike Race  
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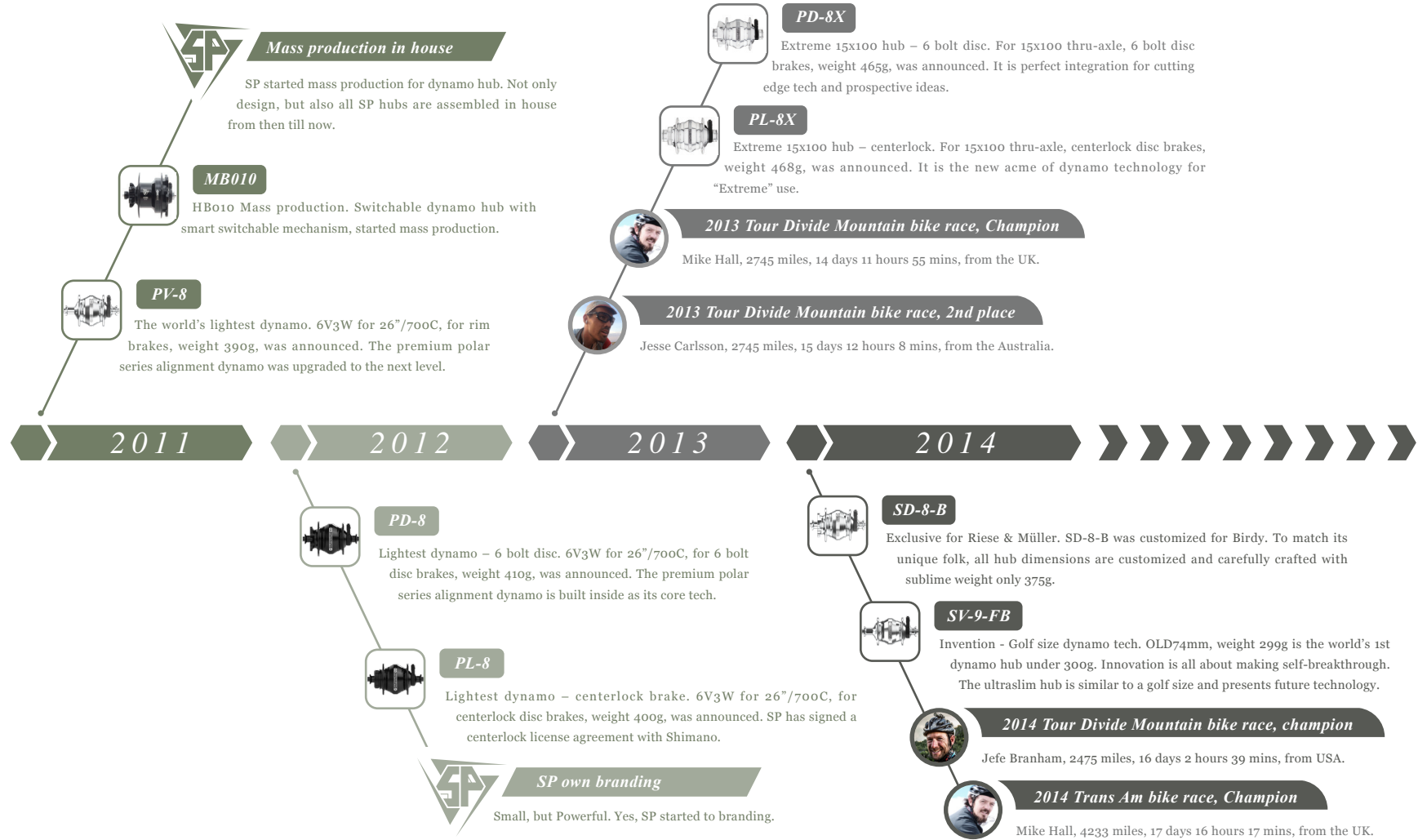
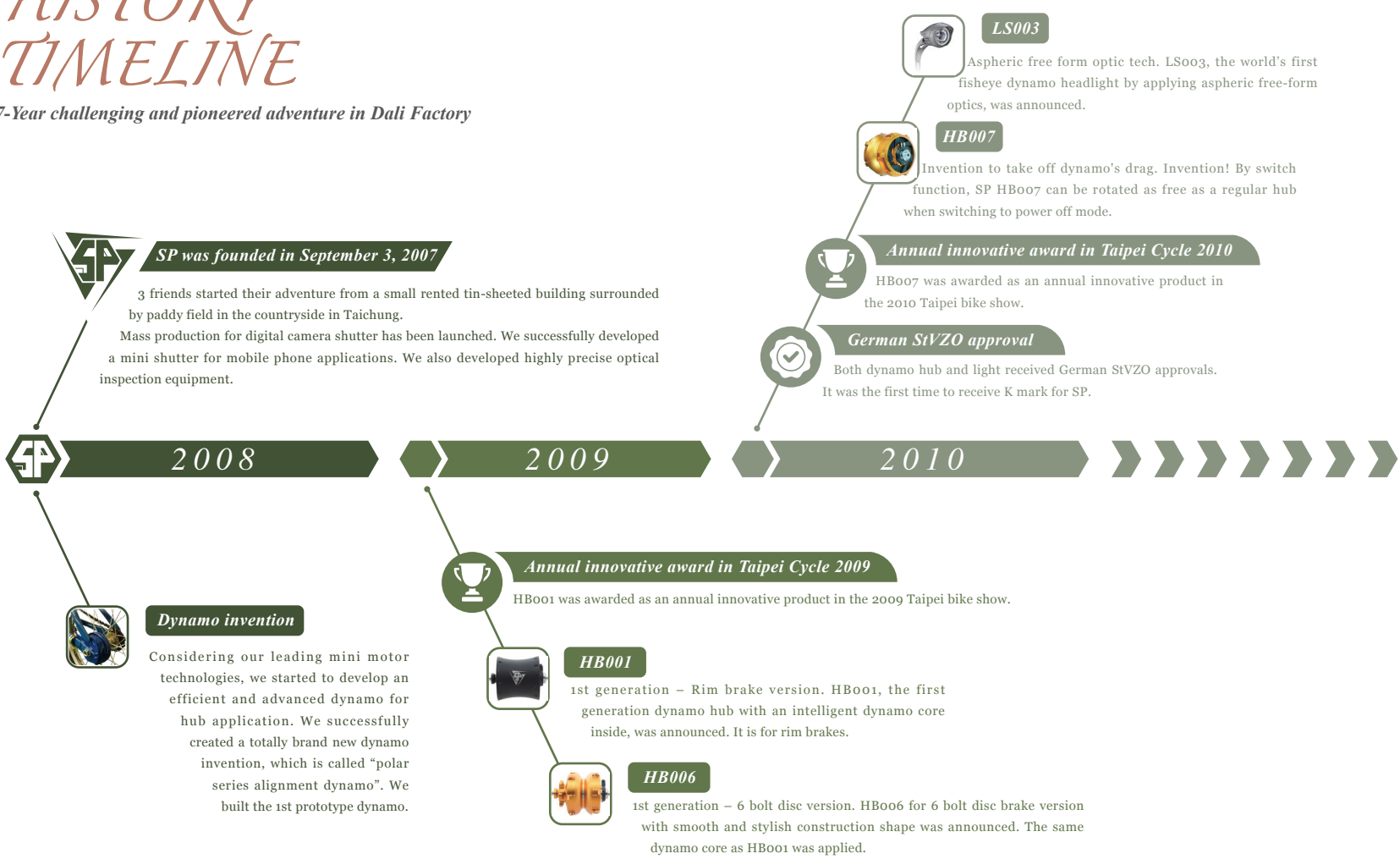
ADDITIONAL INFORMATION



Warranty  
SP Worldwide Partners

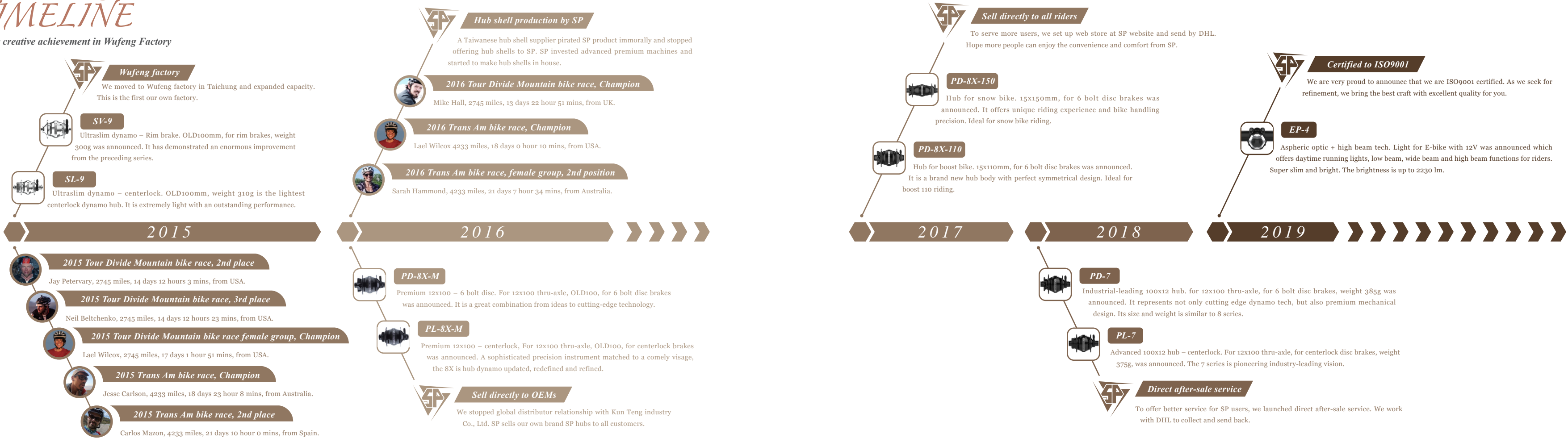
# HISTORY TIMELINE

7-Year challenging and pioneered adventure in Dali Factory



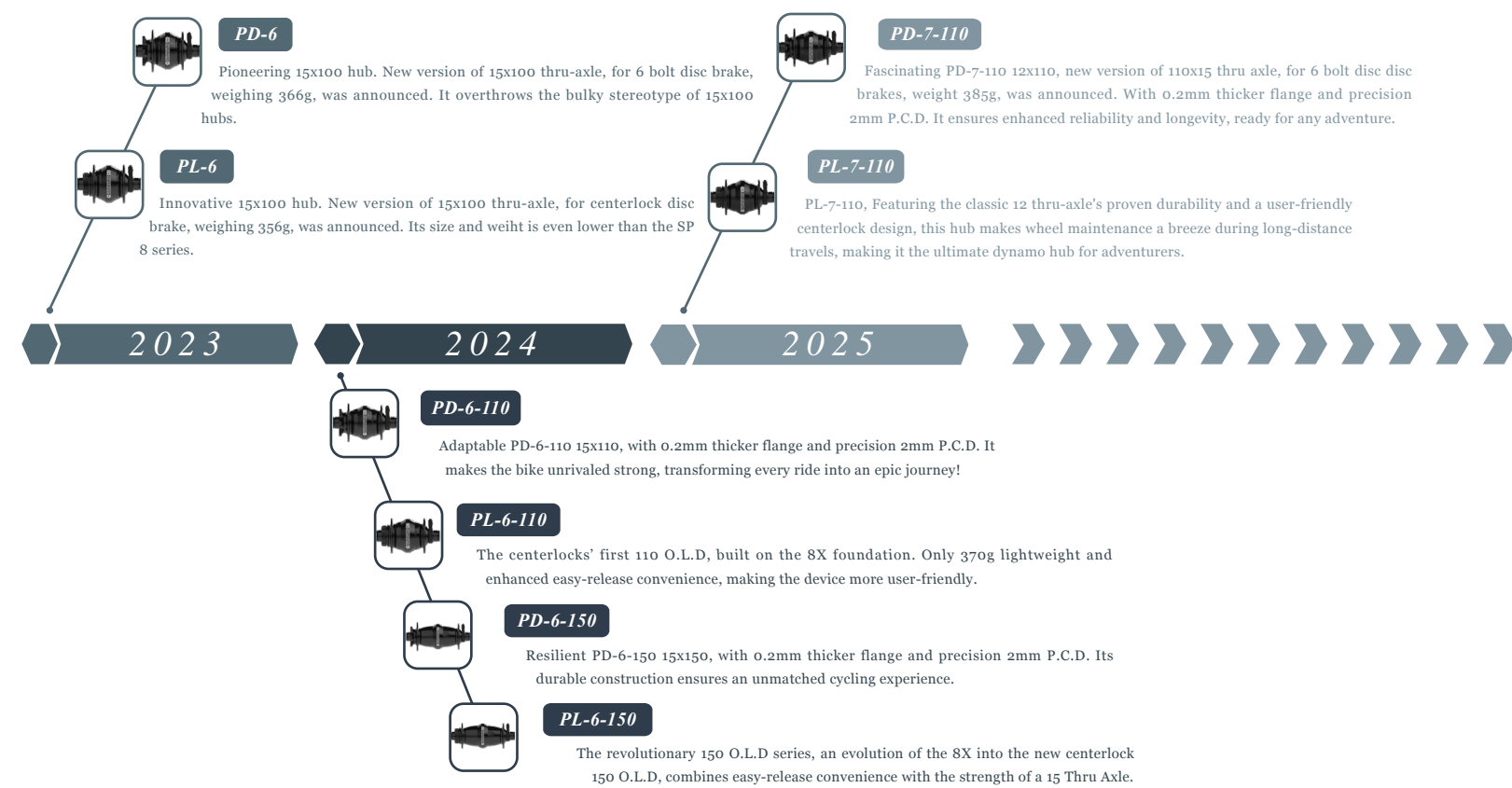
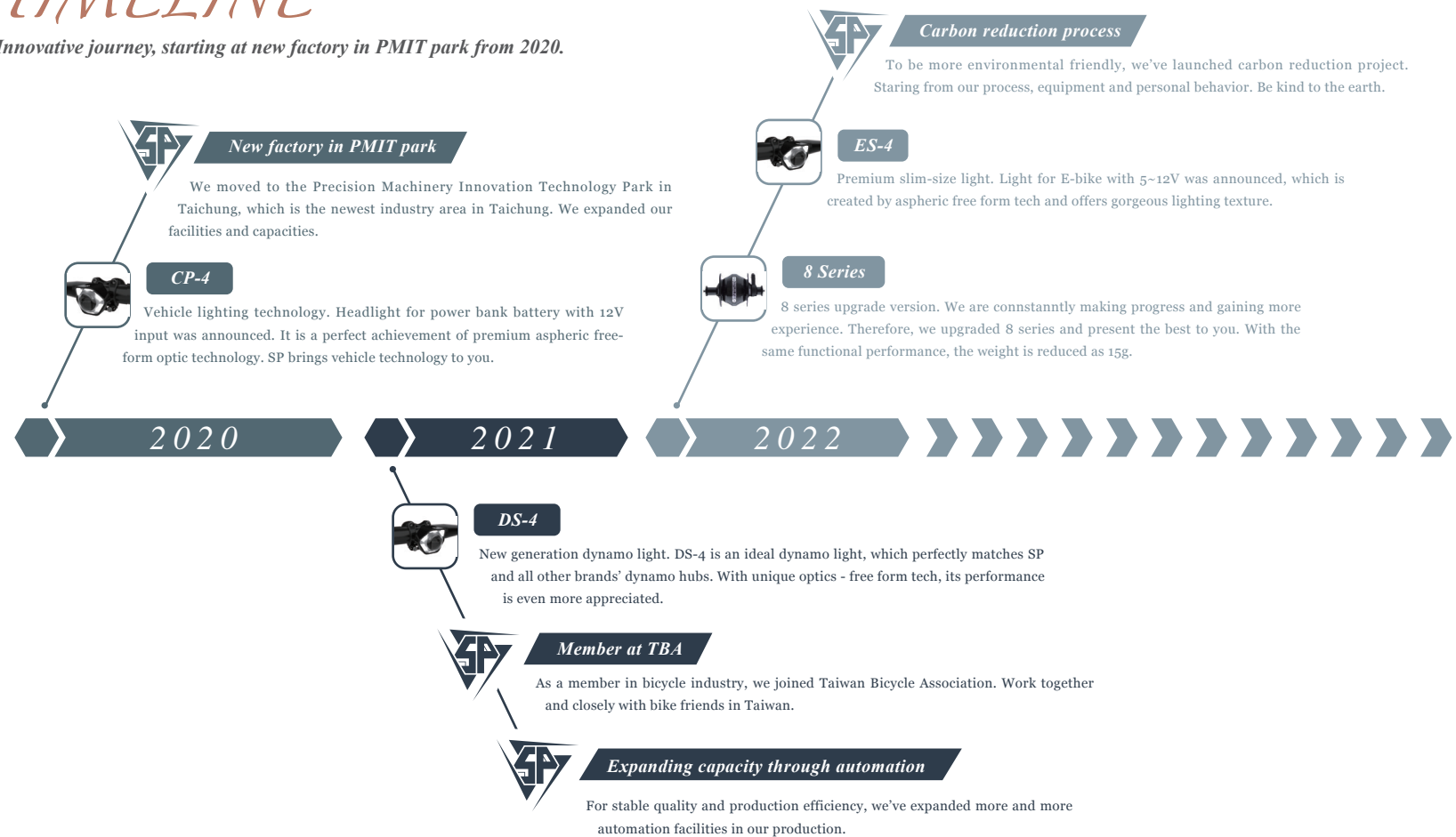
# HISTORY TIMELINE

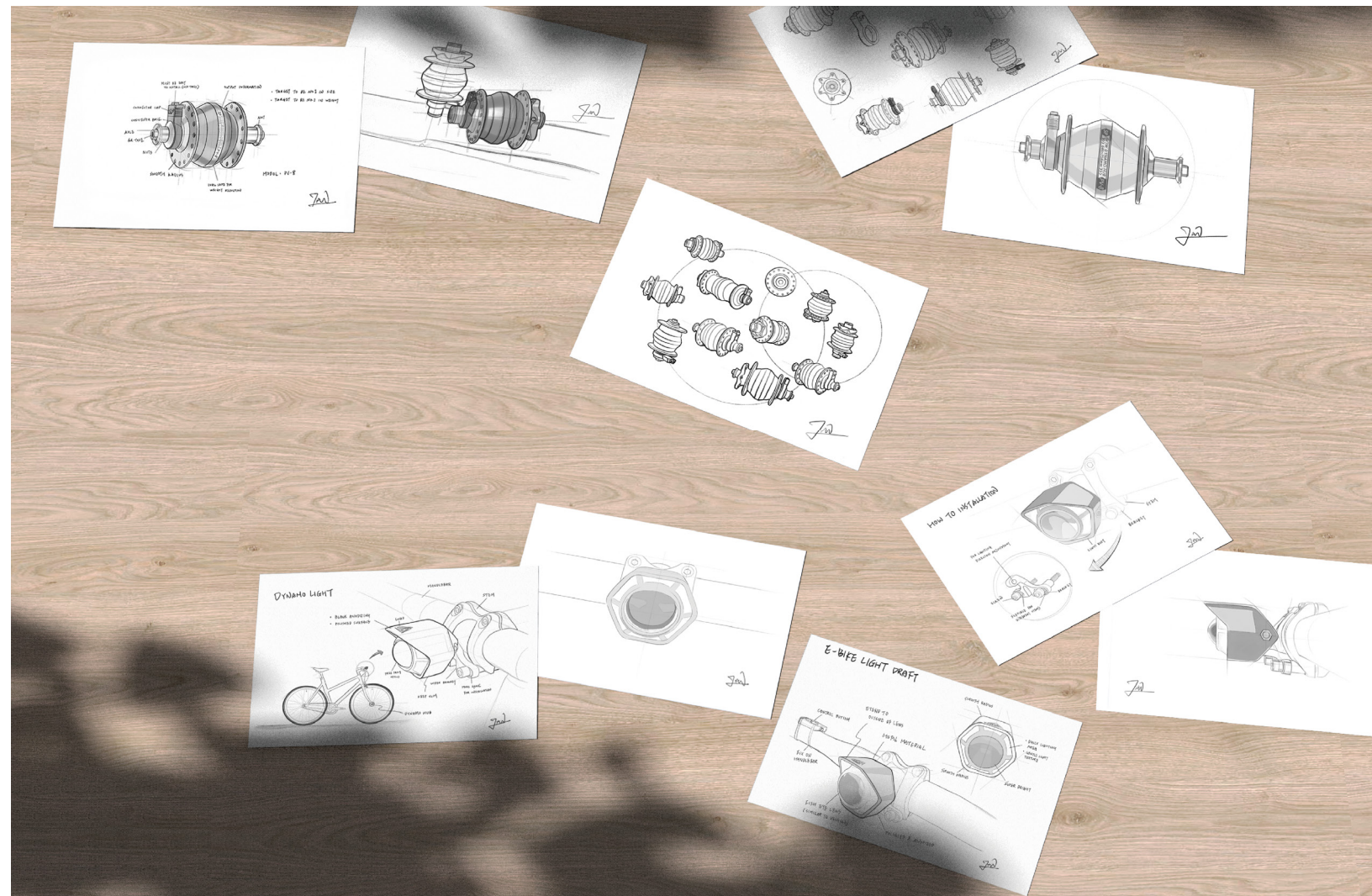
5-Year creative achievement in Wufeng Factory



# HISTORY TIMELINE

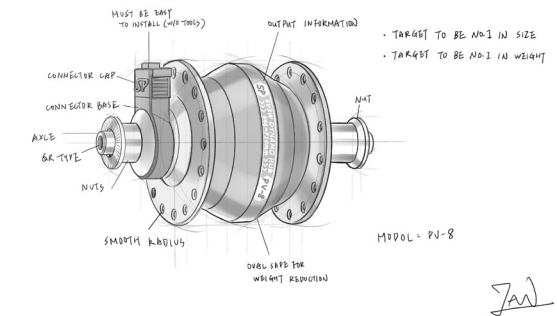
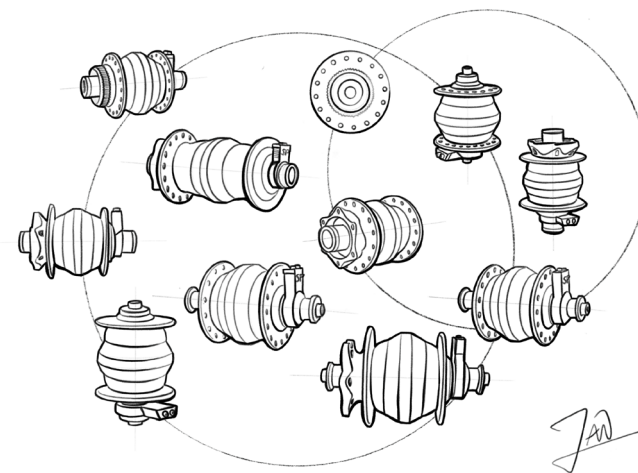
Innovative journey, starting at new factory in PMIT park from 2020.





# DESIGN

## DYNAMO HUB DESIGN



### ALL OUR AIMS ARE ABOUT RIDERS NEEDS AND DESIRES

SP is an innovative and creative team, enthusing in the bicycle world and devoting efforts to developing excellent devices for riders. Painstaking innovation has made an optimal hub dynamo reality. The hub's intelligent light weight design was tempered throughout with thorough attention to structural performance. The smooth oval shape of the hub was optimized for balance. We look everything in detail and concern overall aspects to optimize the product performance.



# 6 SERIES

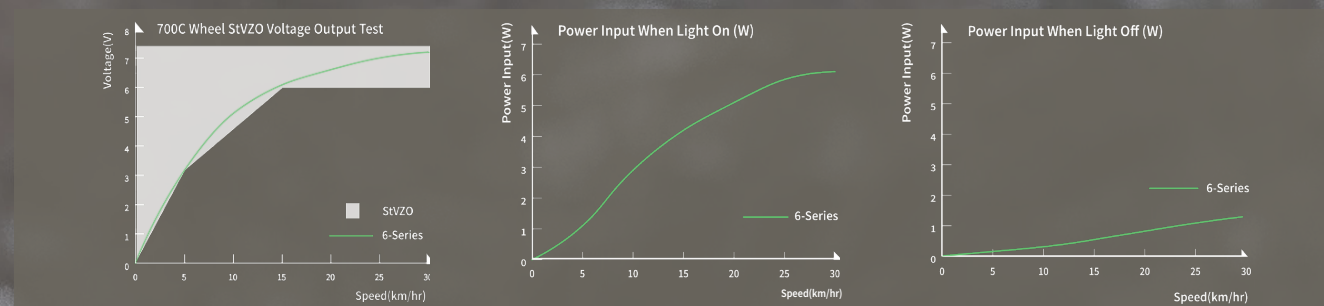
SP TECHNOLOGY ADVANCED



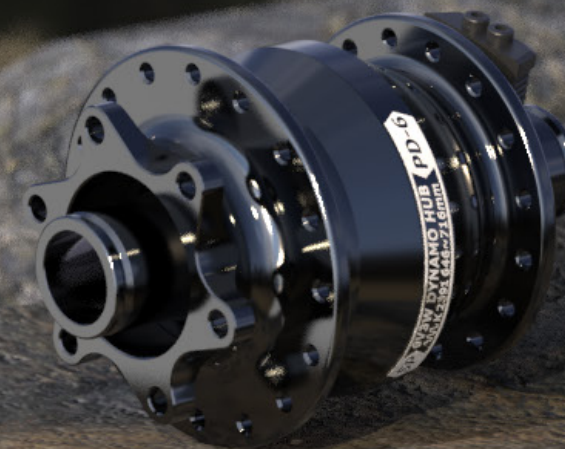
We fabricate the lightest dynamo hub in the world.” This is not just what we aim for, but what we have done. It’s coded in our DNA. We pursue the lightweight and turn them into reality. We conquer and take back our throne if someone ever exceeds us. The 6 series is the evidence that we once again break the weight record. This series is not for simply roaming through the city, it's for more fierce, intense use. The purpose of this dynamo is to explore the wilderness. But instead of being robust in its appearance, it has an elegant silhouette and tasteful stance. The hub smartly combine the modernness and utility.

## 6 SERIES DYNAMO HUB

### 6V3W FOR 646~716mm



The new 6 series is strictly state of the art. With substantial time of contemplation, SP engineers accumulate the success experience from our 7 and 8 series and weave them with the 8X series' DNA. The “Mixed-breed” turned out to be a smart idea. It breaks the bulky stereotype of 15mm TA dynamo hubs. The weight is up to 100g lighter than the original 8X series. (Though the 8X series is no longer available, its spirit lives on, inspiring future innovations.) Light is the power, with the 6 series, you can chase wind to the highest mountain till the farthest sea. The riding experience can be more





PD-6

COLOR ☒ ☐ 24H/28H/32H/36H








-  15 mm thru-axle.
-  This hub is ideally suited for 26"/700C wheels at 6V3W output.
-  The best match for 6 bolt-disc brakes.
-  The weight is incredibly light. ONLY **366** grams!
-  O.L.D.100mm.
-  Spoke P.C.D 52mm & 58mm
-  Flange Diameter 60mm & 66mm

The 15 mm thru-axle hub is ideally suited to 26"/700C at 6V3W output and perfect for 6 bolt disc brakes. Technology should make life easier. PD-6, a 6-bolt disc brake version of 15mm thru-axle, as an innovative hub is devised to render a clean and pure silhouette with a low weight and a sturdy construction. The meticulous design of PD-6 is able to withstand the hefty pressures produced by disc brakes while preserving a simple, clean and pure appearance.



PL-6

COLOR ☒ ☐ 24H/28H/32H/36H








-  15 mm thru-axle.
-  This hub is ideally suited for 26"/700C wheels at 6V3W output.
-  The best match for Centerlock disc brakes.
-  The weight is incredibly light. ONLY **356** grams!
-  O.L.D.100mm.
-  Spoke P.C.D 52mm
-  Flange Diameter 60mm

The 15 mm thru-axle hub is ideally suited to 26"/700C wheels at 6V3W output and perfect for centerlock disc brakes. We have developed a centerlock version of 15 mm thru-axle as PL-6 to our broader audience. The heart of PL-6 is the unique dynamo rated 78% efficiency at 15km/h. PL-6 is also parsimonious with your physical exertions. The weight is only 356 grams, which is the lightest 15 mm thru-axle for centerlock at the current market.



PD-6-110

COLOR ☒ ☐ 24H/28H/32H/36H








-  15 mm thru-axle.
-  This hub is ideally suited for 26"/700C wheels at 6V3W output.
-  The best match for 6 bolt-disc brakes.
-  The weight is incredibly light. ONLY **380** grams!
-  O.L.D.110mm.
-  Spoke P.C.D 50mm & 58mm
-  Flange Diameter 60mm & 66mm

"The 15mm thru-axle hub delivers reliable 6V3W output, perfect for 26"/700C wheels and 6-bolt disc brakes, with only 380 grams light weight. Building on the sleek design of the PD-6, the lightest 15mm thru-axle hub with 6-bolt disc brake compatibility on the market, now supporting 110mm O.L.D brakes! With a meticulous and sophisticated design, it delivers unmatched control and stability on challenging terrains like sand and mud. With its minimalist design, low weight, and durable construction, the PL-6 110 ensures every ride is smooth, stable, and a joy to experience."



PL-6-110

COLOR ☒ ☐ 24H/28H/32H/36H

-  15 mm thru-axle.
-  This hub is ideally suited for 26"/700C wheels at 6V3W output.
-  The best match for Centerlock disc brakes.
-  The weight is incredibly light. ONLY **370** grams!
-  O.L.D.110mm.
-  Spoke P.C.D 50mm
-  Flange Diameter 60mm

Remember the Wonderfulness of our PL-6? The PL-6 hub, featuring a 15mm thru-axle, is perfect for 26"/700C wheels and delivers reliable 6V3W output. Its Centerlock disc brake compatibility ensures stability on every ride. Now, there's a major upgrade: the PL-6 110, weighing only 370 grams and offering a broader range with 110mm O.L.D, effortlessly tackling sandy, muddy, or steep terrains. With 78% efficiency at 15 km/h, it maximizes power while conserving energy.



PD-6-150

COLOR ● ●

24H/28H/32H/36H

- 15mm thru-axle.
- This hub is ideally suited for 26"/700C wheels at 6V3W output.
- The best match for 6 bolt-disc brakes.
- The weight is incredibly light. ONLY 417 grams!
- O.L.D.150mm.
- Spoke P.C.D 50mm & 58mm
- Flange Diameter 60mm & 66mm

The PD-6-150 dynamo hub, weighing just 417 grams, combines an ultralight build with the durability required for snow, sand trails. Featuring a 15mm thru-axle and delivering reliable 6V3W output, it's compatible with 26"/700C wheels and 6-bolt disc brakes. Precision engineering ensures exceptional strength and resilience, making it ideal for extreme terrains and winter rides. Lightweight yet robust, the PD-6-150 is the ultimate hub for tackling demanding environments.



PL-6-150

COLOR ● ●

24H/28H/32H/36H

- 15mm thru-axle.
- This hub is ideally suited for 26"/700C wheels at 6V3W output.
- The best match for Centerlock disc brakes.
- The weight is incredibly light. ONLY 407 grams!
- O.L.D.150mm.
- Spoke P.C.D 50mm
- Flange Diameter 60mm

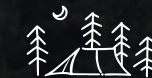
Weighing only 407 grams, the PL-6-150 dynamo hub combines ultralight performance with the practicality of Centerlock brake compatibility, enabling easy and secure rotor changes. The PL-6-150 features a 15mm thru-axle for enhanced durability. It provides a dependable 6V3W output for 26"/700C wheels and is designed to support a 150mm device, ensuring excellent control on challenging terrains like snow and sand trails. Lightweight yet durable, the PL-6-150 is the ideal choice for riders tackling extreme environments.

*Chasing wind to the highest mountain  
till the farthest sea.*



# 7 SERIES

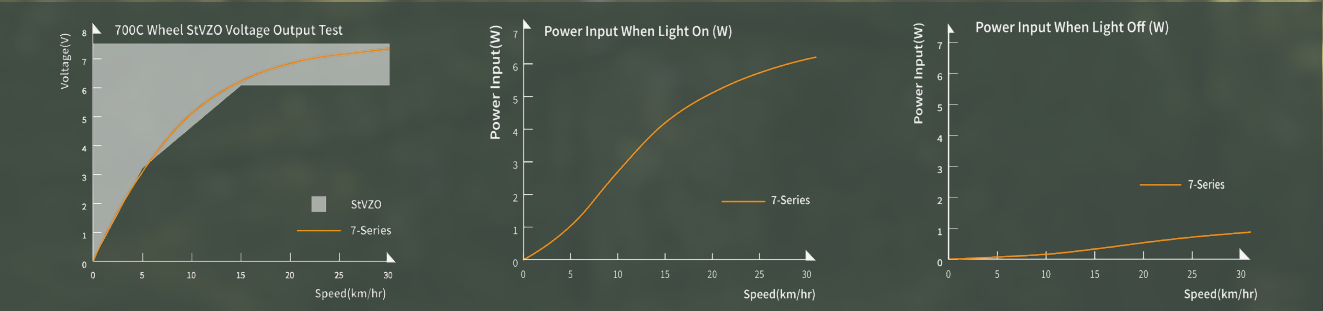
SP CRAFT SPIRIT



At SP, we always seek to expand the technological boundaries of dynamo technology. The new 7 series hub dynamo is the next generation product for 12 mm thru-axle and the offspring of the 8X series. It represents a clear improvement over its predecessors incorporating not only cutting edge dynamo technology, but also premium mechanical design. In creating the 7 series hub, intelligent lightweight construction was tempered throughout with painstaking attention to compact build. The compact form factor optimizes for balance and yet attains an unprecedented weight of only 385g. The 7 series is pioneering industry-leading vision. It is the lightest 12 mm TA dynamo hub currently available.

# 7 SERIES DYNAMO HUB

6V3W FOR 646~716mm



SP has been committed to innovation. Each year, we expand the frontiers of dynamo technology further. Since the 1st generation of 12 mm thru-axle- 8X-M series hub dynamo, we have never ceased our efforts to improve. The 7 series is the culmination of intensive two-year effort and represents a glorious departure from 8X-M. While possessing the same 6V3W output as 8 series, the 7 series manages an amazing weight loss of 60g. The 7 series defines an entirely new vision of dynamo hubs. SP respects the 6V3W German standard. All SP dynamo hubs are compatible with standard dynamo products including dynamo lights and converters for USB powered devices. As you can see from the table, the 8 and 7 series offer similar power output from 0 to 25 km/hr. Above 25 km/hr, the 7 series has slightly higher output than the 8 series. This means another breakthrough in our dynamo technology. Therefore, we proudly present the 7 series to you!





PD-7

COLOR ☒ ☐ 24H/28H/32H/36H

- 12mm thru-axle.
- This hub is ideally suited for 26"/700C wheels at 6V3W output.
- The best match for 6 bolt-disc brakes.
- The weight is incredibly light. ONLY **385** grams!
- O.L.D.100mm.
- Spoke P.C.D 52mm & 58mm
- Flange Diameter 60mm & 66mm

.....

This 12 mm thru-axle hub is ideally suited to 26"/700C wheels at 6V3W output and perfect for 6 bolt disc brakes. For all new 7 series, we packed more innovation, more durable features, and more surprises into this dynamo hub than ever before.

The PD-7 has the lightest weight of only 385g only on the 12 mm thru-axle.



PL-7

COLOR ☒ ☐ 24H/28H/32H/36H

- 12mm thru-axle.
- This hub is ideally suited for 26"/700C wheels at 6V3W output.
- The best match for centerlock disc brakes.
- The weight is incredibly light. ONLY **375** grams!
- O.L.D.100mm.
- Spoke P.C.D 52mm
- Flange Diameter 60mm

.....

This 12 mm thru-axle hub is ideally suited to 26"/700C wheels at 6V3W output and perfect for centerlock disc brakes. The new 7 series redefines an entirely new vision of dynamo hubs weaving innovation, style and craft into reality. As new generation for 12 mm thru-axle, it manages an amazing weight loss of 60g across comparable specifications, and only has 374g.



PD-7-110

COLOR ☒ ☐

24H/28H/32H/36H

- 12mm thru-axle.
- This hub is ideally suited for 26"/700C wheels at 6V3W output.
- The best match for 6 bolt-disc brakes.
- The weight is incredibly light. ONLY **400** grams!
- O.L.D.110mm.
- Spoke P.C.D 50mm & 58mm
- Flange Diameter 60mm & 66mm

Engineered for the demands of long-distance boost cycling, the PD-7-110 combines a 400g lightweight construction with outstanding stability and durability. Its 6V3W output ensures consistent lighting, even on uneven terrain or at varying speeds. Designed for 26"/700C wheels, it is fully compatible with 6-bolt disc brakes. With its 110mm construction, the PD-7-110 caters to a wider range of cyclists, offering those who value flexibility with the ability to easily swap component.



PL-7-110

COLOR ☒ ☐

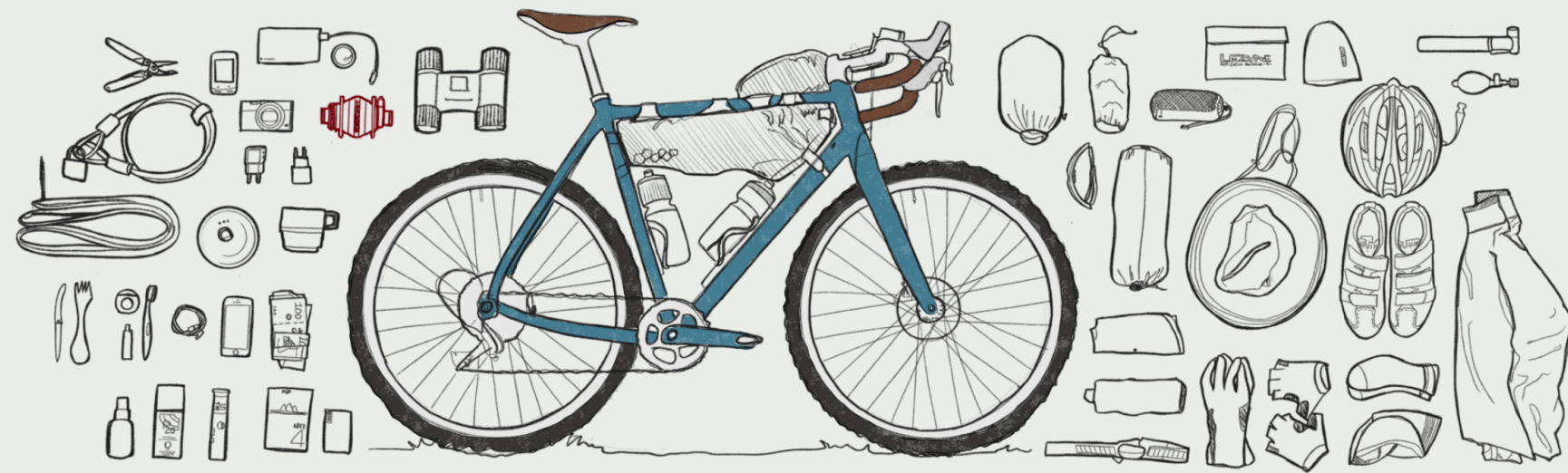
24H/28H/32H/36H

- 12mm thru-axle.
- This hub is ideally suited for 26"/700C wheels at 6V3W output.
- The best match for centerlock disc brakes.
- The weight is incredibly light. ONLY **390** grams!
- O.L.D.110mm.
- Spoke P.C.D 50mm
- Flange Diameter 60mm

The 12mm thru-axle PL-7-110, designed for boost device, is ideal for 26"/700C wheels with a reliable 6V3W output. Weighing just 390g, its lightweight construction ensures stability and comfort on uneven ground and at varying speeds. With a 110mm O.L.D., it's compatible with bikes built for diverse terrains. Its minimalist design enhances the aesthetic of 110mm setups, offering a distinctive appeal. Perfect for adventurers, the PL-7-110 delivers both reliability and performance in challenging conditions.

# BIKEPACKING

## 2025



# ADVENTURE 2025



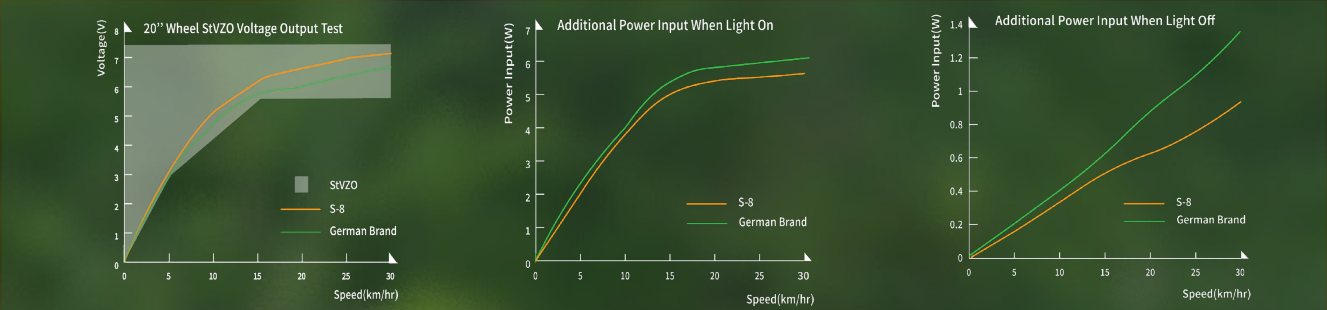
# 8 SERIES

SP EXQUISITE CHOICE

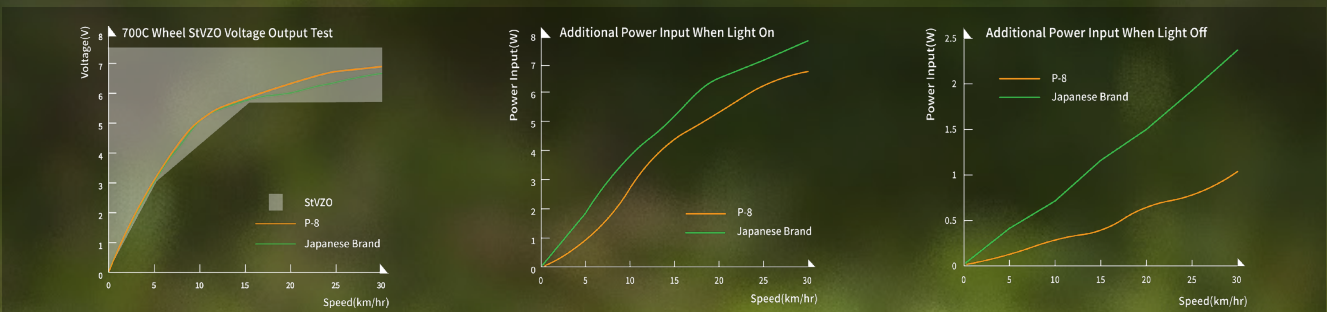


The SP 8-series hub dynamo incorporates the best technical advancements and seeks to attain perfection in the field of hub dynamos. The strong will of innovation has made an optimal hub dynamo into reality. The SP- 8's technological advances are well hidden under its durable shell. The intelligent light weight design was tempered throughout with painstaking attention to structural performance. The smooth oval shape of the hub was optimized to reach a supreme equilibrium , while attaining an unprecedented weight of only 350g.

**S -8 DYNAMO HUB**  
6V3W FOR 400-536mm



**P -8 DYNAMO HUB**  
6V3W FOR 646-716mm



S-8 Series dynamo hubs are not only the smallest in its appearance, but also are the lightest at the market. This model is designed for wheel size from 400 to 536mm at a 6V3W rating. It is also ready for use with 700C wheels at 6V2.4W output. Meet small and light.








P-8 Series dynamo hubs are the most efficient on the market attaining 72% at 15km/hr. P-Series dynamo hubs are ideally suited to wheel size from 646 to 716mm at 6V3W output. They are very light weight from as low as 375g. The design concepts of SP 8 series contain invention, perfection, evolution, and innovation. These elements create a dream dynamo hub.





SD-8

COLOR ☒ ☐ 24H/28H/32H/36H








-  5.2mm quick-releases type.
-  This hub 's output is 6V3W for wheel size 400~536mm.
-  The best match for 6 bolt-disc brakes.
-  The weight is incredibly light. ONLY 375 grams!
-  O.L.D.100mm.
-  Spoke P.C.D 52mm & 58mm
-  Flange Diameter 60mm & 66mm

This QR type hub is ideally suited to 20” wheels at 6V3W output or 26”/700C wheel at 6V2.4W output and perfectly for 6 bolt disc brakes. The hub body was engineered based on two hub shells that rely on an intelligent joining construction, which enables the hub to withstand the hefty stresses produced by disc brakes, while preserving a simple, clean and pure appearance.



SD-8-B

COLOR ☒ ☐ 32H

-  5.2mm quick-releases type.
-  This hub is ideally suited for wheel size from 400~536mm at 6V3W output.
-  The best match for 6 bolt-disc brakes.
-  The weight is incredibly light. ONLY 375 grams!
-  O.L.D.100mm.
-  Spoke P.C.D 58mm
-  Flange Diameter 66mm








This QR type hub is ideally suited to 20” wheels at 6V3W output and perfect for 6 bolt disc brakes. SD-8-B is customized for Birdy, the genuine classic of Reise & Müller. This model rotates the opposite side from other dynamos as Birdy’s distinct disc brake is at the reverse side. To match its unique folk, all hub dimensions are customized and carefully crafted with sublime weight only 375g. It offers not only the excellent dynamo functions, but also the superb shape with urban styling concept.



SV-8

COLOR ☒ ☐

20H/24H/28H/32H/36H

-  5.2mm quick-releases type.
-  This hub 's output is 6V3W for wheel size 400~536mm.
-  The best match for Rim brakes.
-  The weight is incredibly light. ONLY **357** grams!
-  O.L.D.100mm.
-  Spoke P.C.D 52mm
-  Flange Diameter 60mm








The model is designed for 20” wheels at a 6V3W rating. It is also ready for use with 26”/700C wheels at 6V2.4W outputs. It is perfect for rim brakes. After the speed reaches 15 km/h, SV-8 (for 26”/700C) output is almost the same as the 6V3W hub. Therefore, SV-8 offers sufficient power for racers during the races.



SV-8-FC

COLOR ☒ ☐








20H/28H

-  5.2mm quick-releases type.
-  This hub is ideally suited for wheel size from 400~536mm at 6V3W output.
-  The best match for Rim brakes.
-  The weight is incredibly light. ONLY **350** grams!
-  O.L.D.74mm.
-  Spoke P.C.D 52mm
-  Flange Diameter 60mm

This QR type hub is ideally suited to folding bikes at 6V3W output and perfect for rim brakes with OLD 74mm. From 2018, SP SV-8-FC is the only dynamo hub that you can find at Brompton’s official website. It is super light and small. Ideal for handmade Brompton bikes. The hub has endured many rigorous experiments to meet the severe standard of Brompton. It erected the benchmark for all the other models.



## PD-8

-  5.2mm quick-releases type.
-  This hub is ideally suited for 26"/700C wheels at 6V3W output.
-  The best match for 6 bolt-disc brakes.
-  The weight is incredibly light. ONLY **395** grams!
-  O.L.D.100mm.
-  Spoke P.C.D 52mm & 58mm
-  Flange Diameter 60mm & 66mm

COLOR ☒ ☐








24H/28H/32H/36H

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This QR type hub is ideally suited for 26"/700C wheels at 6V3W output and perfect for 6 bolt disc brakes. Compact without compromise. The dynamo hub has everything, and more than it can offer. With smoothness, you won't easily get tired. To see is to believe : Begin your clear course with PD-8. It brings the next level of comfort.



## PL-8

-  5.2mm quick-releases type.
-  This hub is ideally suited for 26"/700C wheels at 6V3W output.
-  The best match for Centerlock disc brakes.
-  The weight is incredibly light. ONLY **385** grams!
-  O.L.D.100mm.
-  Spoke P.C.D 52mm
-  Flange Diameter 60mm

COLOR ☒ ☐

24H/28H/32H/36H

.....

This QR type hub is ideally suited to 26"/700C wheels at 6V3W output and perfect for centerlock disc brakes. As the pioneer of the dynamo industry, one of our missions is to popularize SP dynamos to a broader audience to enjoy the premium device. Therefore, we have developed PL-8 for the centerlock brake version. All structural dimensions are all well simulated to meet outstanding standards.



## PV-8



5.2mm quick-releases type.



This hub is ideally suited for 26"/700C wheels at 6V3W output.



The best match for Rim brakes.



The weight is incredibly light. ONLY **375** grams!



O.L.D.100mm.



Spoke P.C.D 52mm



Flange Diameter 60mm

COLOR

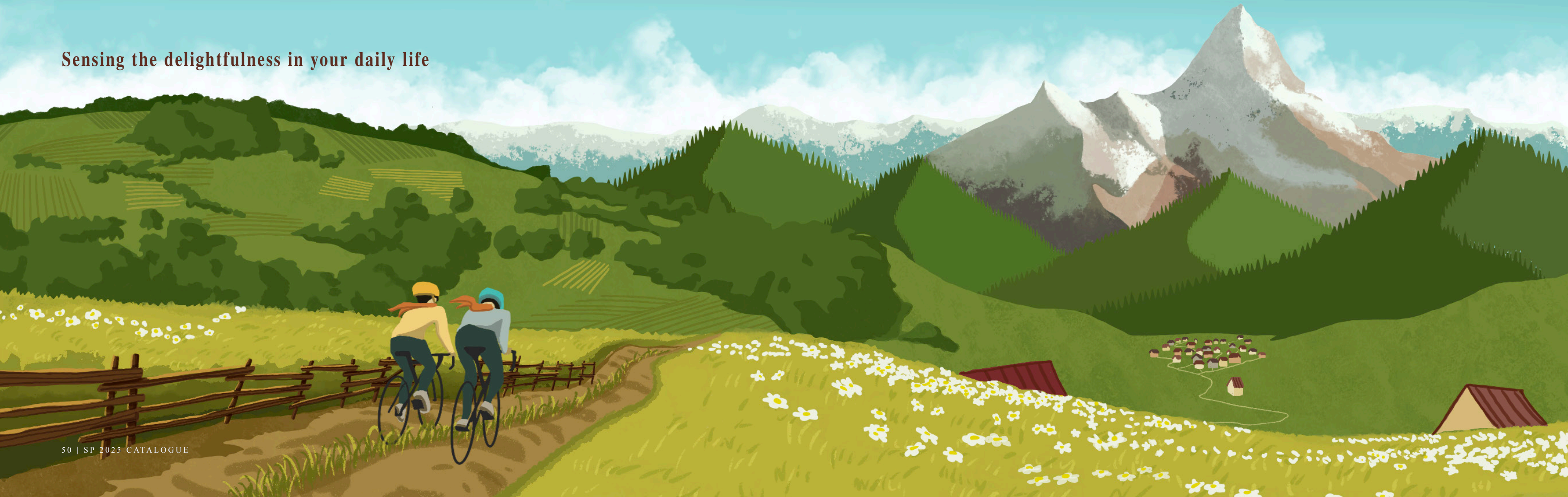


20H/24H/28H/32H/36H

.....  
This QR type hub is ideally suited to 26"/700C wheels at 6V3W output and perfect for rim brakes. What makes the SP PV-8 unique is its inspiring dynamo concept called polar series alignment dynamo. It incorporates physical limits, premium craft, cutting edge tech and our passions. It is the perfect construction for the rim brake system. The exterior shape is minimalist, but the construction engineering behind it is complex.



Sensing the delightfulness in your daily life



# 9 SERIES

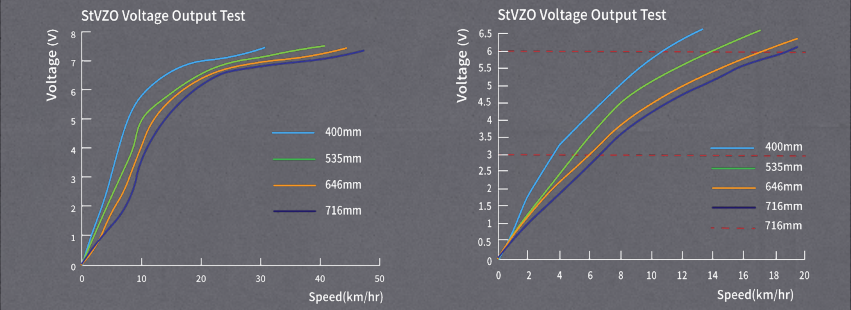
SP ULTRASLIM DESIGN



Innovation is all about making a self-breakthrough. Undoubtedly, the previous SP 8 series had established many new records in the field of dynamos, in terms of its size, weight, and efficiency. However, further advancement has always been our goal. As a result, SP 9 series has now successfully challenged the 8 series by achieving unprecedented dynamo characteristics. The SP 9 series, the ULTRASLIM dynamo hub, presents future technology and is able to provide cyclists with the best dynamo performance.

9 SERIES DYNAMO HUB

6V1.5W FOR 400~716mm



*SUITABLE FOR ALL DIFFERENT SIZED WHEELS*

**From wheel size 400 mm (16”) to 536mm (20”):** The 9 series output perfectly matches German StVZO 6V3W/ 20” regulation. As can be seen from the table, from wheel size 400 mm (16”) to 536 mm (20”), the 9 series output is designed to meet StVZO regulation.

**From wheel size 646 mm(26”) to 716 mm(28”):** According to German StVZO, it requires 3 V output at a low speed of 5 km/h. If the 9 series is set on wheel sizes of 646 mm (26”) and 716 mm (28”), it offers 3V output speed at 5.8 km/h and 6.4 km/h respectively. To have 3 V output, it only needs to slightly increase 1.4 km/h on its speed.

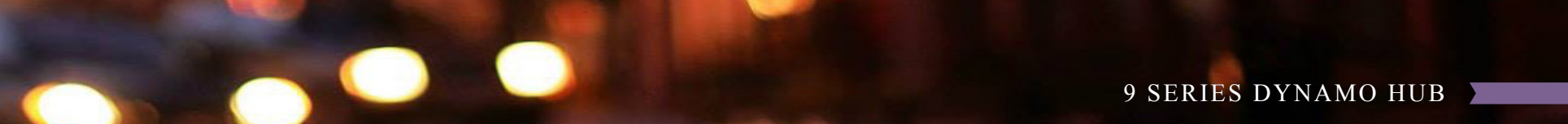
Furthermore, according to German StVZO 6V3W regulation, it requires 5.7 V output at 15 km/h. If we set the 9 series on wheel sizes of 646 mm (26”) and 716 mm (28”), this 9 series offers 5.7 V output when speed at 15.7 km/h and 17.7 km/h respectively. To have 5.7 V output, it only needs to slightly increase 2.7 km/h on its speed. As for 6V3W, the German StVZO approved hubs in the current market normally offer 6V3W output at around 17 km/h.

**REAL OUTPUT:**

6V3W FOR 400~536mm








6V2.4W FOR 646~716mm





### SV-9-FC

COLOR ☒ ☐ 28H

-  5.2mm quick-releases type.
-  This hub 's output is 6V3W for wheel size 400~536mm.
-  The best match for Rim brakes.
-  It reaches an unprecedented light weight. ONLY 290 grams!
-  O.L.D.74mm.
-  Spoke P.C.D 44mm
-  Flange Diameter 53mm








The QR type hub with OLD74mm is ideally suited to 20” wheels at 6V3W output and perfect for rim brakes. SV-9-FC weight is 290g. Is it a miracle or mystery? No, it is all about SP’s commitments. Every detail has been meticulously considered to accomplish such an enhancement. The ULTRASLIM dynamos, presents future technology and is able to provide cyclists with the best performance.



SV-9

COLOR ☒ ☐

20H/24H/28H/32H/36H

-  5.2mm quick-releases type.
-  This hub 's output is 6V3W for wheel size 400~536mm.
-  The best match for Rim brakes.
-  The weight is incredibly light. ONLY **300** grams!
-  O.L.D.100mm.
-  Spoke P.C.D 44mm
-  Flange Diameter 53mm








The QR type hub is ideally suited to 20” wheels at 6V3W output or 26”/700C wheels at 6V2.4W output and perfect for rim brakes. SP not only seeks to become No. 1 in specification, but also intends to closely monitor the quality of every single dynamo to ensure every dynamo is durable and reliable. SV-9, weight 300g, is for rim brakes, suitable for all different sized wheels from 20” to 28”. It will certainly surprise you.



SL-9

COLOR ☒ ☐

24H/28H/32H/36H

-  5.2mm quick-releases type.
-  This hub 's output is 6V3W for wheel size 400~536mm.
-  The best match for Centerlock disc brakes.
-  The weight is incredibly light. ONLY **310** grams!
-  O.L.D.100mm.
-  Spoke P.C.D 44mm
-  Flange Diameter 53mm

The QR type hub is ideally suited to 20” wheels at 6V3W output or 26”/700C wheel at 6V2.4W output and perfect for centerlock disc brake. SP 9 series has now successfully challenged the 8 series by achieving unprecedented dynamo characteristics. SL-9 is the world’s lightest centerlock dynamo, weighing 310g only. We are always devoted to dynamo evolution. Further advancement has always been the goal.


*Enjoy your life with a gentle pace*





PRODUCT OVERVIEW

15mm Thru-Axle

15mm










MODEL	PD-6	PL-6	PD-6-110
WEIGHT	366g	356g	380g
OUTPUT	6V3W For 26"-700C		
BRAKE TYPE	Disc Brake	Centerlock Brake	Disc Brake
SPOKE P.C.D	52mm&58mm	52mm	50mm&58mm
FLANGE DIAMETER	60mm&66mm	60mm	60mm&66mm
O.L.D	100mm		110mm
MAX HUB DIAMETER	58mm		
SPOKE HOLES	24H/28H/32H/36H		
COLOR	Black/Silver		

PRODUCT OVERVIEW










PL-6-110	PD-6-150	PL-6-150
370g	417g	407g
6V3W For 26"-700C		
Centerlock Brake	Disc Brake	Centerlock Brake
50mm	50mm&58mm	50mm
60mm	60mm&66mm	60mm
110mm	150mm	
58mm		
24H/28H/32H/36H		
Black/Silver		

62 | SP 2026 CATALOGUE

SP 2026 CATALOGUE | 63

PRODUCT OVERVIEW			PRODUCT OVERVIEW		
<div>12mm Thru-Axle</div> <div></div>					
					
MODEL	PD-7	PL-7	PD-7-110	PL-7-110	
WEIGHT	385g	375g	400g	390g	
OUTPUT	6V3W For 26”-700C				
BRAKE TYPE	Disc Brake	Centerlock Brake	Disc Brake	Centerlock Brake	
SPOKE P.C.D	52mm&58mm	52mm	50mm&58mm	50mm	
FLANGE DIAMETER	60mm&66mm	60mm	60mm&66mm	60mm	
O.L.D	100mm				
MAX HUB DIAMETER	58mm				
SPOKE HOLES	24H/28H/32H/36H				
COLOR	Black/Silver				

64 | SP 2026 CATALOGUE

SP 2026 CATALOGUE | 65

PRODUCT OVERVIEW

Quick-Releases Type



MODEL	PD-8	PL-8	PV-8	SD-8	SD-8-B
WEIGHT	395g	385g	375g	375g	375g
OUTPUT	6V3W For 26”-700C			6V3W For 20” 6V2.4W For 26”/700C	6V3W For 20”
BRAKE TYPE	Disc Brake	Centerlock Brake	V Brake	Disc Brake	
SPOKE P.C.D	52mm&58mm	52mm		52mm&58mm	58mm
FLANGE DIAMETER	60mm&66mm	60mm		60mm&66mm	66mm
O.L.D	100mm				
MAX HUB DIAMETER	58mm				
SPOKE HOLES	24H/28H/32H/36H				32H
COLOR	Black/Silver				

PRODUCT OVERVIEW



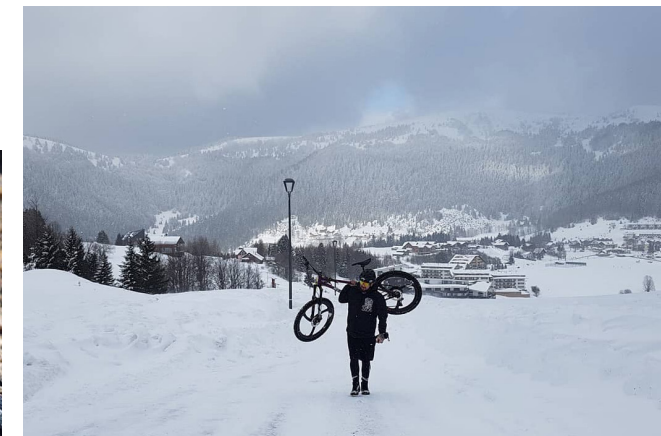
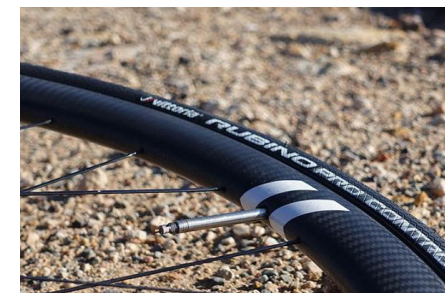
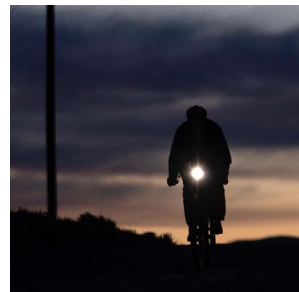
SV-8	SV-8-FC	SL - 9	SV - 9	SV - 9 - FC
357g	350g	310g	300g	290g
6V3W For 20” 6V2.4W For 26”/700C	6V3W For 20”	6V3W For 20” 6V2.4W For 26”/700C		6V3W For 20”
V Brake		Centerlock Brake	V Brake	
52mm		44mm		
60mm		53mm		
100mm	74mm	100mm		74mm
58mm		50mm		
20H/24H/28H/32H/36H	20H/28H	24H/28H/32H/36H	20H/24H/28H/32H/36H	28H
Black/Silver				

# ULTRA-ENDURANCE RACE

## SOLO, SELF SUPPORTED RACE

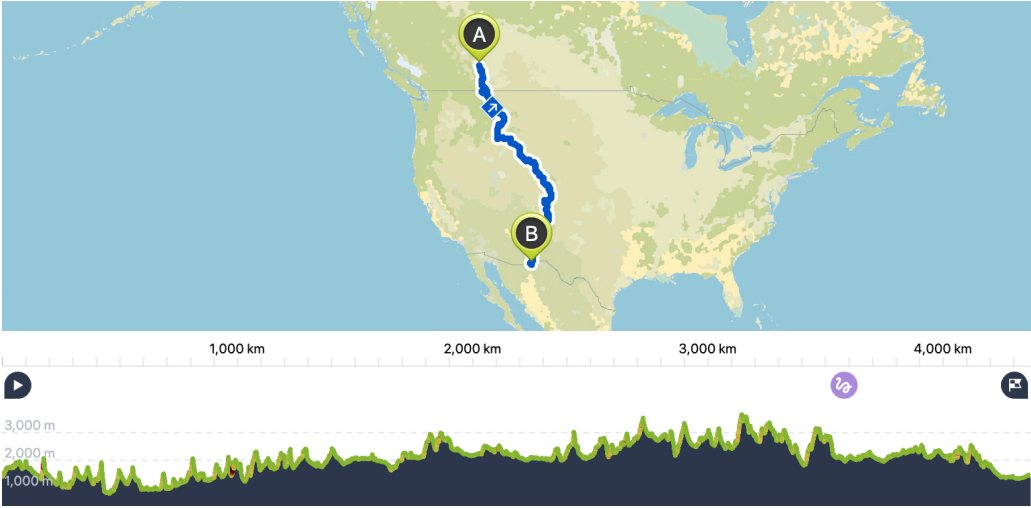
Lots of endurance bike races in the world. They are always in a solo, non stop, self supported race in summer. There is no finish time cut-off. The Trans Am bike race is one of the most famous endurance races in the road bike category. Tour Divide mountain bike race is one of the most famous endurance races in the mountain bike category. It is always solely under your own human power with no outside support.

Racers must carry everything they need to survive, e.g. warm clothes, wet weather gear, sleeping equipment, food, water and more. As is the case for most bikepacking events, riders are allowed to make use of commercial services along the way, but support crews or team cars are definitely not allowed. Riders alone have to find their own food and water, sort out bike issues out in the wilderness with frozen hands, carry all the equipment and spares they need to be safe, and find safe places to catch a few hours of sleep along the way.



*Explore the unseen*

*Good luck to all brave racers.*



***RULES*** *AS FAST AS POSSIBLE IN A SOLO, SELF-SUPPORTED FASHION*

- 1. Who: Any determined cyclist may challenge the Great Divide Route at any time, in either direction, to qualify for the Tour Divide (TD) General Classification (GC).
- 2. When: All summer long...however, an informal common start date known as the ‘Grand Départ’ traditionally kicks off in the 2nd week of June from both termini.
- 3. Spirit: Above all, attempts are intended to be solo / self-supported, self-timed, and observed as one stage, i.e. the clock runs non-stop. The challenge is complete upon arrival to the opposite GDMBR terminus from start. There are no required checkpoints or designated rest periods on course. There is no finish time cut-off, however, current convention considers a competitive Divide Route finish time as approximately 1.5 times (x) course records. Currently this = 25 days (~110 mi/day) for men, and 29.5 days (93 mi/day) for women.
- 4. Modus operandi: To complete the Route...

Rules from Tour Divide Mountain Bike Race website; for further info, please visit their official website : [tourdivide.org/](http://tourdivide.org/).



Is a solo, self-supported ultra-cycling challenge to race all 2,745 miles of Adventure Cycling Association’s epic Great Divide Mountain Bike Route. There are no compulsory rest periods or specified distances racers must travel daily. The race clock runs non-stop. He or she who can ride the fastest while making fewer, shorter stops usually wins. With an average time-to-completion of three weeks in the saddle, this grand tour is the longest, most challenging mountain bike race on the planet. It’s a contest for the ultra-fit but only

**TOUR DIVIDE  
MOUNTAIN  
BIKE RACE**

A NON STOP,  
SELF-SUPPORTED  
MOUNTAIN BIKE RACE

if ultra-prepared for myriad contingencies of backcountry biking. The Great Divide Route is geographically divided into five regions. The diverse nature of the regions makes for an incredible visual, sometimes spiritual experience. The route offers something different every day — whether it be riding conditions, scenery, points of interest, or folks along the way. It is a route to be enjoyed for its diversity. (source from Tour Divide Mountain Bike Race website)

## BASAJAUN 2023- TRANSIBÉRICA ULTRACYCLING

Transibérica Ultracycling starting from 2018 has three different routes named for Basajaun, Transpyrenees and Transibérica, which is conceived to be a personal adventure, a collective ride.

Carlos Mazón is the initiator of the Transibérica Ultracycling. He says that this project is based on his personal experience like the Trans AM Mountain Bike Race and designed from the deep love of cycling and the value conveyed through Mike Hall and his legacy. It's all about the spirit of bikepacking.

Basajaun is one of the races, which is set up as an unsupported gravel challenge on the edge of Europe. The route is about 780 km with and 15.000m elevation gain and crosses some of the most remote and challenging places in Europe: Urbasa Natural Park, Irati forest, Bardenas Reales and Sierra de la Demanda. The height is above 2,000m and it's 70% off-road. This route is from the lush forest to the arid plains. You will experience the heat in Bardenas, and the cold temperature close to 0 degrees in Sierra de Cameros. The big contrast is in both terrain and temperature, plus you need to prepare everything by yourself. That's why this evenement is so attractive.



## ENDURANCE RACING

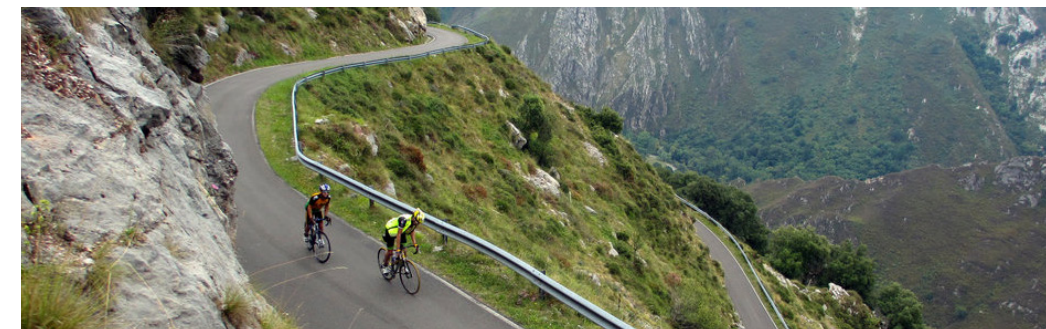
**NOT ONLY FOR ENTHUSIASTS**

Professional racers rely on dynamos  
When training and racing.

Dynamo hubs offer advantages for endurance racing and randonneuring:

- \* Dynamo output offers power for lighting and USB charging for GPS as well as smart phones.
- \* Weight saving: Dynamo hubs are lighter than batteries
- \* Time saving: No concerns about changing/ charging batteries.
- \* Convenience & safety: Power is constant. No worries about power shortages.

Weight and efficiency are the key points for racers considering dynamo hubs as a companion in the race. With unprecedented weight and efficiency, SP is the leading brand in dynamos. There are many endurance races and randonneuring events throughout the world each year. More and more racers trust SP and use our product on their races. This is a brilliant choice. SP appreciates cyclists who choose SP.





## THANKS FOR ALL LEGENDS RIDING SP DYNAMOS DURING THE RACE!

2013 Tour Divide mountain bike race (2745 miles), 1st position: Mike Hall

2013 Tour Divide mountain bike race (2745 miles), 2nd position: Jesse Carlsson

2013 England-wales-england (1259 miles), 1st position: Aidan Harding

2013 Highland Trail 430 (430 miles), 1st position: Aidan Harding

2014 Tour Divide mountain bike race (2745 miles), 1st position: Jefe Branham

2014 Highland Trail 550 (560 miles), 1st position: Phil Simcock

2015 Trans Am bike race (4233 miles), 1st position: Jesse Carlsson

2015 Trans Am bike race (4233 miles), 2nd position: Carlos Mazon

2015 Tour Divide mountain bike race (2745 miles), 2nd position: Jay Petervary

2015 Tour Divide mountain bike race (2745 miles), 3rd position: Neil Beltchenko

2015 Tour Divide mountain bike race (2745 miles), female group, 1st position: Lael Wilcox

2015 Tour Divide mountain bike race (2745 miles), female group, 2nd position: Bethany Dunne

2015 Highland Trail 550 (560 miles), 1st position: Tom Rowntree

2016 Tour Divide mountain bike race (2745 miles), 1st position: Mike Hall

2016 Trans Am bike race (4233 miles), 1st position: Lael Wilcox

2016 Trans Am bike race (4233 miles), female group, 2nd position: Sarah Hammond

And more excellent racers...





# WARRANTY

## IMPORTANT NOTICE

Dear customers, starting from January 1, 2025, please remember to request a receipt from the retailer at the time of purchase. This document serves as the sole proof of your warranty period. Failure to obtain and provide the receipt when seeking repairs will grant Shutter Precision the right to deny warranty service at its discretion.

We strongly emphasize the importance of requesting and safeguarding your receipt details to ensure your warranty rights are protected.

## WARRANTY PERIOD

SP products are covered under warranty for two years from the date of purchase. The warranty period starts from the purchase date. Please retain your receipt as proof of purchase. We recommend using your mobile phone to photograph and store your receipt. A receipt or invoice is mandatory for initiating a warranty claim.

During the warranty period, SP will provide warranty service free of charge. SP products that fail under normal use and conditions will be replaced at SP's discretion.

## WARRANTY POLICY & COVERAGE

- 1. Deposit Requirement:
  - 2. SP requires a deposit equivalent to the product’s price.
  - ~ Example: For a PD-6 priced at 7,100 TWD, SP will charge a deposit of 7,100 TWD.
  - ~ Upon receiving the deposit, SP will send you a new product immediately. If the returned product is confirmed to have failed under normal use, SP will fully refund the deposit.
- 3. Non-Refundable Scenarios:
  - ~ Damage caused by improper use (see "THE WARRANTY DOES NOT COVER DAMAGES IN THE FOLLOWING CASES").
  - ~ Failure to return the product for SP inspection.
- 4. Contact Before Returning Products:
  - ~ Do not send products to SP without prior confirmation. SP will evaluate the cause of damage and confirm whether it qualifies for a warranty claim.

SP will provide replacement services for products that fail under normal use and conditions. However, the warranty does not cover failures due to accidents, misuse, improper installation, unauthorized modifications, or abnormal conditions. Failure to



## THE WARRANTY DOES NOT COVER DAMAGES IN THE FOLLOWING CASES

### ~Misinstallation:

- Damage caused by incorrect installation, such as insufficient tension adjustment of the quick release (QR), can lead to internal wire damage. Ensure the hub is securely fastened to the fork.
- If QR tension is not loosened before adjusting the connector, internal wire damage may occur. Always follow proper procedures.

### ~Accidents:

- Damage caused by external impacts, such as stones striking the hub during a crash, is not covered.

### ~Improper Maintenance:

- SP hubs are not user-serviceable. Unauthorized repairs or modifications, including pressure washing, will void the warranty.

### ~Abnormal Use:

- SP hubs are not designed for extreme conditions such as river crossings with water above the hub level. Maximum recommended system load is 130 kg.

## OTHER INFORMATION

To prevent misuse of warranty claims, SP requires a deposit via PayPal for the replacement product. After confirming the claim qualifies under warranty and receiving the returned product, SP will refund the deposit. Note that PayPal deducts a non-refundable handling fee of approximately 5.4% per transaction.

For hubs out of the warranty period, repairs can be arranged. Visit the FIX/RETURN page for details. Send only the hub (not the wheel). Repairs take three working days plus shipping time.





# ECO-CONSCIOUS TRADE-IN PLAN

## SUSTAINABILITY IN MOTION: SP'S COMMITMENT TO A GREENER FUTURE

At SP, we believe every revolution counts—not just on the road, but for the planet. In 2025, we proudly launched our Eco-Conscious Trade-In Plan, a step towards a sustainable future. This initiative empowers our customers to upgrade their dynamo hubs while contributing to a circular economy. By recycling old SP hubs to us, we reduce waste, conserve resources, and create a positive environmental impact.

With every SP dynamo hub, you’re not just powering your ride—you’re part of a journey toward sustainability. Together, let’s drive change for a better planet.

## ECO-CONSCIOUS TRADE-IN PLAN ELIGIBILITY

This plan applies under the following conditions:

1. Existing Customers:

- ~ Customers who have previously purchased SP products and wish to trade in their old SP dynamo hub for a new one.
- ~ There are no restrictions on the original model; you may choose to upgrade to any available SP model.'

2. Important Note:

- ~ Full payment for the new product is required upfront.



~ SP will arrange for DHL or FedEx to collect your old SP dynamo hub, and after receiving the returned product:

- a. If your old product is still within the warranty period, 30% of the new SP dynamo hub's price will be refunded as a trade-in discount.
- b. If your old product is out of the warranty period, 20% of the new SP dynamo hub's price will be refunded as a trade-in discount.

## ECO-CONSCIOUS TRADE-IN POLICY AND REFUND DETAILS

1. Refund Method:

- ~ SP will issue the Eco-Conscious trade-in discount via PayPal within three business days after receiving your old hub.

2. Non-Refundable Discount Cases:

- ~ Failure to Return the Old Hub: If SP does not receive your old hub, the discount will not be refunded.
- ~ Non-SP Products: This plan applies exclusively to SP-brand hubs. If a non-SP product is sent, the discount will not be refunded.

3. Packaging Requirements:

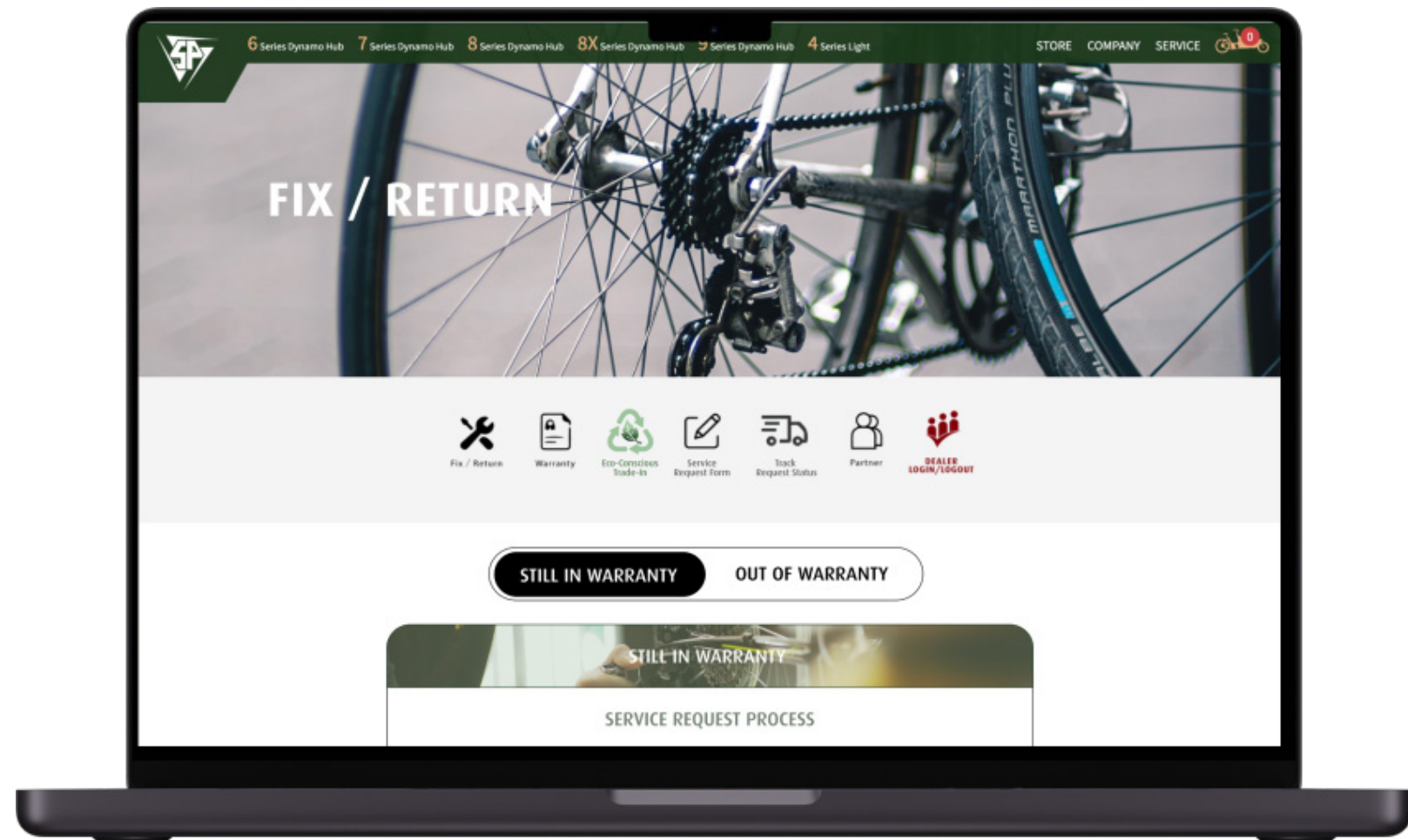
- ~ Ensure the product is securely packaged to prevent damage during transit, as this may affect the refund eligibility and amount.

4. Logistics Arrangement:

- ~ SP will provide a dedicated shipping label.

You will need to contact DHL or FedEx to schedule the pickup and shipment without incurring additional charges.  
For more Information, scan the QR code to explore more about our **ECO-CONSCIOUS TRADE-IN PLAN**.





## SP SEAMLESS ONLINE SERVICE

In 2025, we revolutionized our service process to provide a faster, more convenient experience for every customer. With the introduction of the Eco-Friendly Trade-In Plan, Free Replacement Under Warranty, and End-to-End Repair Service, we're setting new standards for customer care.

Without ever leaving your home, you can:

- ~ Purchase Our SP Products with free shipment
- ~ Apply for Eco-Conscious Trade-In Services with up to 30% saving
- ~ Manage Repairs and Shipping by seamless process and clear guidance
- ~ Resolve Product Issues with Ease

We're proud to be one of the few bicycle component brands offering a fully online service experience. Our newly redesigned website features intuitive icons and clear instructions, guiding you effortlessly through every step.

### FREE REPLACEMENT UNDER WARRANTY

During the warranty period, if our inspection confirms that the damage was not caused by improper use, we will replace the product with a brand-new one—ensuring your peace of mind with every purchase.

This year, we've also launched the **Home Pickup Repair Service**. Once you submit a repair request, FedEx will collect your item directly from your doorstep. After repairs are complete, we'll deliver the fixed product back to you, making the entire process seamless and hassle-free.

By choosing SP, you're not just investing in premium dynamo hubs—you're embracing a service experience designed to make your cycling journey as sustainable and convenient as possible.



# SP PARTNERS

You are all welcome to be one of SP family members. Please find SP distribution partners in your local area. Get the excellent dynamo hubs and the best service from SP international partners. Or you can contact us directly if you cannot find SP partners in your local areas. You are always welcome to contact us. We are all glad to offer help.

Enjoy SP comfort and feel our enthusiasm for perfection!



**Ison Distribution Ltd**

201 Lancaster Way Business Park Ely,  
Cambridgeshire CB6 3NX, UK  
Phone: +44-1353-662-662  
E-mail: sales@ison-distribution.com



**Fourth Floor Distribution**

412 Bloor St. West,  
Toronto, Ontario, M5S 1X5, Canada  
Phone: +1-866-965-6582  
E-mail: sales@fourthfloordistribution.com



**TOKYO SAN-ESU CO., LTD.**

3-7-1 UENO TAITO-KU,  
TOKYO 110 - 0005, Japan  
Phone: +81-3-3834-2041  
E-mail: info@tsss.co.jp



**Happy Earth Enterprises LLP**

Plot No. 3, 6th Main, Thayappa Garden,  
Bilekahalli, Bangalore 560076, India  
Phone: +91-80-41642779  
E-mail: info@happyearth.in



**Intelligent Design Cycles**

8th Floor, No. 129  
Chongde 7th Road 406 Taichung TAIWAN  
Phone: +886-9-8877-5858  
E-mail: intelligentdesigncycles@gmail.com



**Quality Bicycle Products**

6400 W. 105th street,  
Bloomington, MN 55438, USA  
Phone: +1 952-941-9391  
E-mail: info@bti.com/returns@bti.com



**Bicycle Technologies International**

33 Velocity Way, Santa Fe, NM 87508, USA  
Phone: +1-800-558-8324  
E-mail: info@bti.com / returns@bti.com



**Sports Fusion**

ZAC de la novialle, 63670 La Roche Blanche, Fra  
Phone: +33-983-219-322



**Agentur Felix AG**

Sonnenhalde 7, 9553 Bettwiesen TG,  
Switzerland  
Phone: +41-719-116-616  
E-mail: felix@felix.ch



**Bicycle Parts Wholesale**


76-80 Micro Circuit,  
Dandenong VIC 3175, Australia  
Phone: +03-9702-9044  
E-mail: sales@bicyclepartswholesale.com.au



**Massivebikes**


6 utca, Városmajor 1122,  
Budapest, Hungary  
Phone: +36-203-282-337  
E-mail: info@massivebikes.com



 +886-4-23580886

 [sp@sp-dynamo.com](mailto:sp@sp-dynamo.com)

 [www.sp-dynamo.com](http://www.sp-dynamo.com)

 No.42, JingKe 8th Rd., Nantun  
Dist., Taichung City, 40852, Taiwan

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