

DT SWISS ENGINEERING PERFORMANCE

GRAVEL DYNAMO

BRING NEW
ADVENTURES
TO LIGHT

EMBARGO
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3 PM CET

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GR 1600 SPLINE® DYN



G 1800 SPLINE® DYN



350 SP PL-7

1

EXECUTIVE SUMMARY



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BRING NEW ADVENTURES TO LIGHT

Rolling through the golden hour of a summer night, you feel as free as the wind. The sun dips below the horizon, but the magic of the day lingers, drawing you to explore further. Without a thought, your bike light flickers on, bringing new paths to light as you discover places you've never been before. How? Your new wheels are equipped with a dynamo hub that smoothly converts the energy of your pedal strokes into electric light. This self-sufficient system ensures that your adventures are limited only by your imagination.



DYNAMO HUB FEATURES

DYNAMO

What makes the dynamo hub special is hidden in his hub shell. From a distance, what looks like a standard hub when fitted to your wheelset is actually hiding a dynamo.

EFFICIENCY

As one of the most efficient technology on the market, our dynamo hub with the SP PL-7 generator achieve an efficiency of 72% at 15 km/h, while delivering a 6V3W standard output.

DURABILITY

With a tailor-made hub shell, you can rely on the build quality you have come to expect from DT Swiss hubs, while benefiting from our global network of service centres for a seamless customer journey.

COMPATIBILITY

Our new front Dynamo Hub being StVZO compliant with a 6V3W rating, ensures compatibility with standard hub dynamo products including dynamo lamps and converters for USB powered devices.



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EFFICIENCY

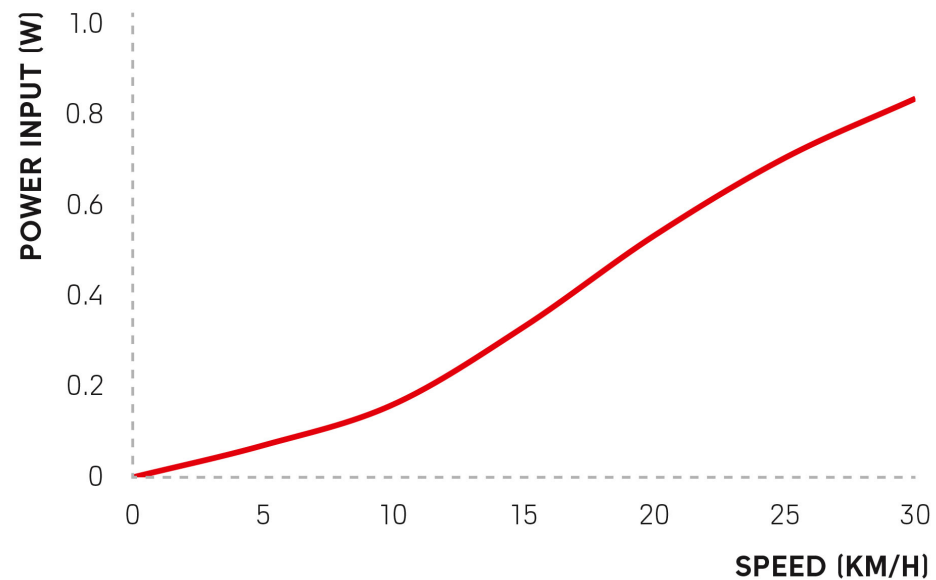


EFFICIENCY

The dynamo hub generates electricity from the rotation of the front wheel to power your lights and other electrical devices. This adds some resistance, but thanks to the design of the hub shell and the efficiency of the SP PL-7, it has a minimal effect on your ride. Efficiency is measured both with the light on and off.

EFFICIENCY WHEN LIGHT OFF

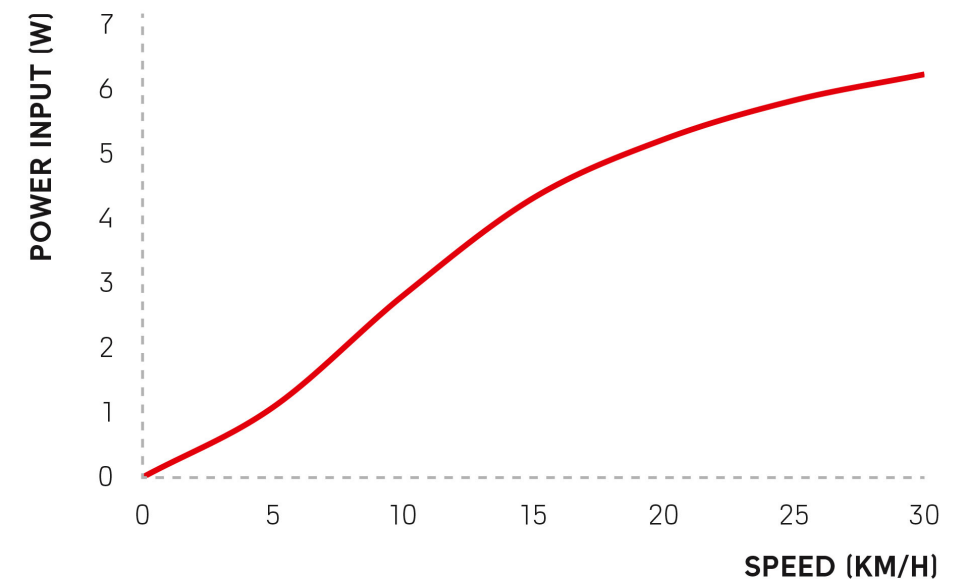
With the lights or power consumption off, the increase in resistance caused by the front dynamo hub is minimal and remains below 1 watt (W) up to a speed of 30 km/h. This slight increase is barely noticeable while bikepacking.



— 350 SP PL-7

EFFICIENCY WHEN LIGHT ON

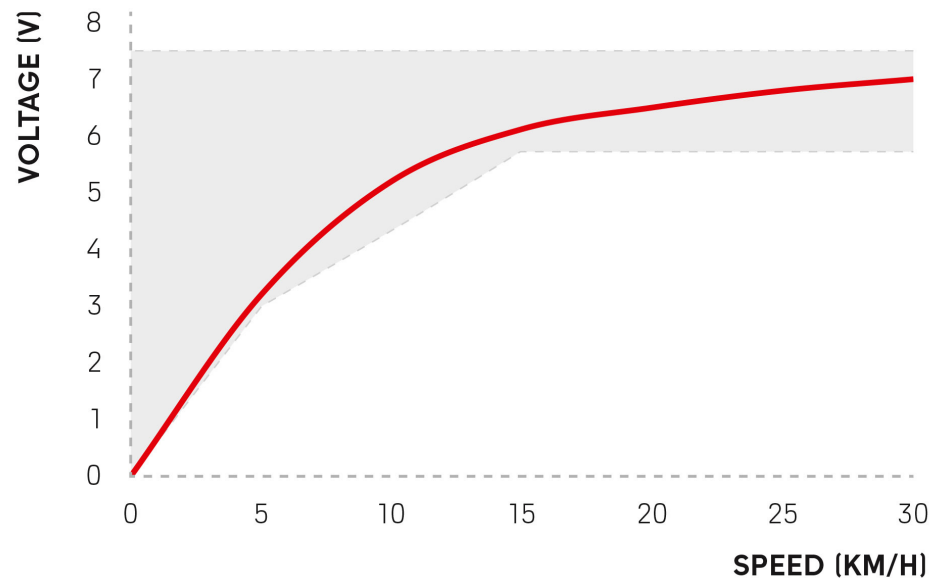
When the lights are on, the resistance increases as the generator produces electricity to power your lights.



— 350 SP PL-7

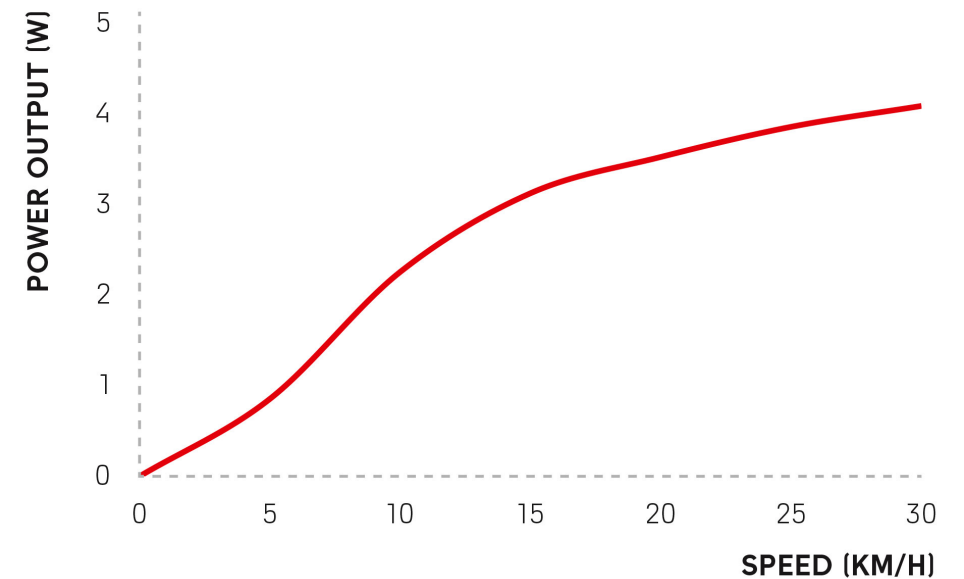
Our 350 dynamo hub with the SP PL-7 generator incorporates one of the most efficient technologies. At 15 km/h, while delivering a standard output of 6 volt/3 watts (6V3W), it achieves an efficiency of 72 %. So, for an output of 3 watts, 4.2 watts of your rolling power are used to power the lights.

VOLTAGE OUTPUT 700 C WHEEL (STVZO TEST)



— 350 SP PL-7 ■ STVZO

POWER OUTPUT (STVZO TEST)



— 350 SP PL-7



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DURABILITY



DT SWISS

DURABILITY

With a tailor-made hub shell, you can rely on the build quality you expect from DT Swiss hubs, with the added technology of Shutter Precision. With its rugged construction, the dynamo hub is ready to withstand the rigors of your off-road riding, including rough terrain, heavy loads and exposure to the elements.

Should your dynamo hub require service, you can rely on our worldwide service network of DT Swiss Service Centers.



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COMPATIBILITY



STVZO COMPLIANCE

The front dynamo hub is compliant with German road traffic regulations (StVZO). It is designed to provide adequate visibility for riders and other road users, reducing the risk of accidents.

Additionally, their 6V3W rating ensures compatibility with standard hub dynamo products including dynamo lamps and converters for USB powered devices.



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PRODUCT SPECIFICATIONS

GR 1600 SPLINE® DYN

FRONT WHEEL	12 / 100 mm
HUB	350 Straightpull Dynamo Shutter Precision PL-7; 6V3W output
BRAKE INTERFACE	Disc, Center Lock
RIM	Aluminum, welded rim joint, tubeless ready
RIM DIMENSION	622 x 24 mm
RIM HEIGHT	25 mm
SPOKES	DT aero comp® wide straightpull, black
NIPPLES	DT Pro Lock®, Squorx Pro Head
LACING	24 x 2-cross
WEIGHT	1.075 g
MAX. SYSTEM WEIGHT	130 kg
ASTM	2
ACCESSORIES INCLUDED	Tubeless tape (mounted), tubeless valve, wire connector
FRONT WHEEL	12 / 100 mm
PRICE	From € 320.90 / \$ 442.90



G 1800 SPLINE® DYN

FRONT WHEEL	12 / 100 mm
HUB	350 Straightpull Dynamo Shutter Precision PL-7; 6V3W output
BRAKE INTERFACE	Disc, Center Lock
RIM	Aluminum, sleeved rim joint, tubeless ready
RIM DIMENSION	622 x 24 mm
RIM HEIGHT	25 mm
SPOKES	DT aero comp® wide straightpull, black
NIPPLES	DT Pro Lock®, Squorx Pro Head
LACING	24 x 2-cross
WEIGHT	1.098 g
MAX. SYSTEM WEIGHT	130 kg
ASTM	2
ACCESSORIES INCLUDED	Tubeless tape (mounted), tubeless valve, wire connector
FRONT WHEEL	12 / 100 mm
PRICE	From € 248.90 / \$ 342.90



350 SP PL-7

WEIGHT	376 g
AXLE SYSTEM	12/100 mm
BRAKE INTERFACE	Center Lock
MATERIAL	Aluminum
HOLES	24
OUTPUT	6 volts max. 3 watts
ADDITIONAL INFORMATION	Designed in cooperation with Shutter Precision Based on PL-7 model with DT Swiss Straightpull shape
ACCESSORIES INCLUDED	Wire connector
PRICE	From € 174.90 / \$ 236.90



PRODUCT PAGE (available from November 20, 2024)

www.dtswiss.com/en/components/hubs-and-rws/hubs-road/350

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TECHNOLOGIES

TECHNOLOGIES



RATCHET
TECHNOLOGIES

[More information →](#)



TUBELESS
TECHNOLOGY

[More information →](#)



BEARING
TECHNOLOGY

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SPOKE
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HAND-BUILT
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