

SUPERNOVA dynamo lights – dynamo compatibility list 2011

Supernova lights work best with hub dynamos without voltage limitation. All Supernova lights have an integrated overvoltage protection. We do not recommend 2.4 W dynamo versions, but they will work with the E3 PRO lights. All Supernova front lights can be used without rear lights without danger of overvoltage on a 3 W dynamo (please insulate rear light cable in this case).

Dynamo	Supernova E3 PRO	Supernova E3 Triple
SUPERNOVA hub dynamos		
SUPERNOVA INFINITY 8 <i>Mechanically switchable dynamo with no magnetic drag when switched off More powerful than any other dynamo on this list Ideal for medium speed and high power applications (E3 Triple/USB chargers)</i>	Yes	Yes
SUPERNOVA INFINITY S <i>Lightweight extra small but electrically strong dynamo Superior power output from 20 km/h (12.5 mph) Extremely high efficiency, low drag (not switchable)</i>	Yes	Yes
SHIMANO hub dynamos		
High-end Shimano hub dynamos e.g.: for rim brakes: DH-3N80, DH-3N72 for disc brakes DH-S501 (Alfine), DH-3D72 <i>Main difference: weight</i>	Yes	Yes
Cheaper Shimano hub dynamos e.g.: for rim brakes: DH-T660-3N (LX), DH-3N30, DH-3N20, for disc brakes: DH-T665 Disc (LX) <i>Higher rolling resistance, lower quality bearings, good electrical output</i>	Yes	Yes
Schmidt hub dynamos		
SON28 rim brake / disc version <i>Mechanically the robust hub dynamo</i>	Yes	Yes
SONdelux rim brake / disc version <i>Will need 50% higher speed to power all three LEDs in the E3 Triple Low drag and weight</i>	Yes	Yes
SRAM hub dynamos		
i-Light D7	Yes	Yes
i-Light D3	Yes	No
Sturmey Archer		
XL-FDD HDS93T / HDS31T (3W versions)	Yes	No
Suntour		
DH10-CT630	Yes	No
Renak		
Enparlite 2	Yes	No
6V sidewall/bottle/dynamos, bottom bracket dynamos		
AXA, Basta, B&M dymotec S6, Dynosys Lightspin, Nordlicht, <i>Please note that we highly recommend hub dynamos over these models</i>	Yes	No