



DOWNTUBE BATTERY PACKS

36 V 345-460 WH IP54

MODULAR, SMART AND RELIABLE BATTERY PACKS ENGINEERED FOR SUPERIOR QUALITY AND SEAMLESS INTEGRATION ACROSS ALL E-BIKE TYPES

345-460 Wh

High voltage output for City, Fold & MTB e-bikes

AI-Driven

OpenData Platform for predictive maintenance & monitoring

IP54 Rated

Dust & splash protected for all riding conditions

Compliant

EN-15194 compliant safe operation

TECHNICAL SPECIFICATIONS

Position	Rear Carrier	Rear Carrier	Downtube
Capacity	9.6 Ah	12.8 Ah	12.8 Ah
Nominal Voltage	36 V	36 V	36 V
Power	345 Wh	460 Wh	460 Wh
Standard Charging	2.7 A / 42 V	3.6 A / 42 V	3.6 A / 42 V
Maximum Charging	4.54 A / 42 V	6.06 A / 42 V	6.06 A / 42 V
Maximum Discharging	13.6 A	18.18 A	18.18 A
Discharging End Voltage	28 V	28 V	28 V
Cells Type	Li-ion 18650	Li-ion 18650	Li-ion 18650
Number of Cells	30	40	40
Cells Lifespan	80% SOH / 1100 cycles	80% SOH / 1100 cycles	80% SOH / 1100 cycles
Dimensions (L×W×H)	353 × 156 × 63.5 mm	353 × 156 × 63.5 mm	368 × 90 × 96 mm
Weight	2.5 kg	3.2 kg	3.0 kg
IP Grade	IP54	IP54	IP54
Operating Temp	-10°C / +40°C	-10°C / +40°C	-10°C / +40°C
Lighting Integrated	Yes (Rear light)	Yes (Rear light)	No
SOC Indicator	3 × LED	3 × LED	4 × LED
Power Consumption	10µA (ship) / 300µA (off)	10µA (ship) / 300µA (off)	10µA (ship) / 300µA (off)

INFINITE SAS

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