

| Type | Hypershell Go X | Hypershell Pro X | Hypershell Carbon X |
|--------------------------------|---|--|--|
| Basic Parameters | | | |
| Folded Dimension | 430*260*125mm | 430*260*125mm | 430*260*125mm |
| Net Weight (including battery) | 2.4kg | 2.4kg | 2.2kg |
| Net Weight (excluding battery) | 2kg | 2kg | 1.8kg |
| Hardware Material | Aluminum Alloy Stainless Steel Reinforced Polymer | Carbon Fiber Reinforced Polymer Aluminum Alloy Stainless Steel | 3D-formed Titanium Alloy Carbon Fiber Aluminum Alloy |

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| Bluetooth | | | |
| Protocol | BLE 4.2 | BLE 4.2 | BLE 4.2 |
| Operating Frequency | 2.402 GHz - 2.480 GHz | 2.402 GHz - 2.480 GHz | 2.402 GHz - 2.480 GHz |
| Transmitter Power (EIRP) | < 9 dBm | < 9 dBm | < 9 dBm |

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| Electric Power System | | | |
| Peak Torque (Single Motor) | 18N·m | 32N·m | 32N·m |
| Peak Output | 400W | 800W | 800W |
| Motor Response Time | 2ms | 2ms | 2ms |
| Motor Control Accuracy | 0.1N·m | 0.1N·m | 0.1N·m |
| Operating Noise | 40dB | 40dB | 40dB |
| Motor Weight (Single) | 300g | 300g | 300g |
| Physical Exertion Reduction | Max 20% | Max 30% | Max 30% |
| Max Speed Assistance | 7.5miles/h or 12km/h | 12.4miles/h or 20km/h | 12.4miles/h or 20km/h |

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| MotionEngine Algorithm System | | | |
| Motion Postures Recognition Numbers | 6 Walk, Race Walk, Up hills, Down hills, Up stairs, Down stairs | 10 Walk, Race Walk, Gravel Road, Running, Cycling, Mountainer, Up hills, Upstairs, Down hills, Down | 10 Walk, Race Walk, Gravel Road, Running, Cycling, Mountainer, Up hills, Upstairs, Down hills, Down |
| Motion Postures Recognition Time | Walk/Race Walk: 0.1s Running: 0.2s Up/Down Hills: 0.3s Up/Down Stairs: 0.3s Cycling: 1.5s | Walk/Race Walk: 0.1s Running: 0.2s Up/Down Hills: 0.3s Up/Down Stairs: 0.3s Cycling: 1.5s | Walk/Race Walk: 0.1s Running: 0.2s Up/Down Hills: 0.3s Up/Down Stairs: 0.3s Cycling: 1.5s |
| Predicted Calculation Frequency | 500Hz | 500Hz | 500Hz |
| Recognition Latency | 0.03s | 0.03s | 0.03s |
| Recognition Accuracy (Height) | 3cm | 3cm | 3cm |
| Recognition Accuracy (Angle) | 0.017° | 0.017° | 0.017° |

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| Battery System | | | |
| Battery Capacity | 5000mAh | 5000mAh | 5000mAh |
| Battery Weight | Approx.400g | Approx.400g | Approx.400g |
| Energy | 72Wh | 72Wh | 72Wh |
| Battery Range | 15KM The range is measured using the Hypershell Go X in 25% Eco mode, with the user moving at a speed of 4 km/h on flat terrain.Data is for reference only | 17.5KM The range is measured using the Hypershell Pro X in 25% Eco mode, with the user moving at a speed of 4 km/h on flat terrain.Data is for reference only | 20KM The range is measured using the Hypershell Carbon X in 25% Eco mode, with the user moving at a speed of 4 km/h on flat terrain.Data is for reference only |
| Nominal Voltage | 14.4 V | 14.4 V | 14.4 V |
| Max Charging Voltage | 17 V | 17 V | 17 V |
| Type | Li-ion 4S | Li-ion 4S | Li-ion 4S |
| Charging Temperature | 0-°C-40-°C(32°F - 104°F) | 0-°C-40-°C(32°F - 104°F) | 0-°C-40-°C(32°F - 104°F) |
| Charging Time (0-100%) | Approx. 88 minutes (with 65W Portable Charger) | Approx. 88 minutes (with 65W Portable Charger) | Approx. 88 minutes (with 65W Portable Charger) |

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| Charger Compatibility | | | |
| Charging protocol | PD | PD | PD |
| Input | 100-240 V (AC), 50-60 Hz, 2 A | 100-240 V (AC), 50-60 Hz, 2 A | 100-240 V (AC), 50-60 Hz, 2 A |
| Output | Rated Power: 65W Compatible charging voltage: 5 V, 5 A 9 V, 5 A 12 V, 5 A 15 V, 4.3 A | Rated Power: 65W Compatible charging voltage: 5 V, 5 A 9 V, 5 A 12 V, 5 A 15 V, 4.3 A | Rated Power: 65W Compatible charging voltage: 5 V, 5 A 9 V, 5 A 12 V, 5 A 15 V, 4.3 A |

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| Durability | | | |
| Operating Temperature | -10°C-60°C/14°F - 140°F | -20°C-60°C/-4°F - 140°F | -20°C-60°C/-4°F - 140°F |
| Ingress Protection Rating | IP54 Dustproof: The device is protected against solid foreign objects larger than 1.0mm. Dust is not completely prevented from entering, but the amount of dust entering will not affect the normal operation of the device. Waterproof: The device is protected against splashing water from all directions. Water splashed against the enclosure from any direction will have no harmful | IP54 Dustproof: The device is protected against solid foreign objects larger than 1.0mm. Dust is not completely prevented from entering, but the amount of dust entering will not affect the normal operation of the device. Waterproof: The device is protected against splashing water from all directions. Water splashed against the enclosure from any direction will have no harmful | IP54 Dustproof: The device is protected against solid foreign objects larger than 1.0mm. Dust is not completely prevented from entering, but the amount of dust entering will not affect the normal operation of the device. Waterproof: The device is protected against splashing water from all directions. Water splashed against the enclosure from any direction will have no harmful |
| Service Life Under Extreme Conditions | 1500KM | 1500KM | 2000KM |

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| Softsuit | | | |
| Average Thickness | 4mm | 4mm | 4mm |
| Filling | 9 layers of waterproof and breathable material, along with a layer of supportive metastructural | 9 layers of waterproof and breathable material, along with a layer of supportive metastructural | 9 layers of waterproof and breathable material, along with a layer of supportive metastructural |
| Outer Fabrics | Ultra-light Diamond Weave Nylon | Ultra-light Diamond Weave Nylon | High-Performance Waterproof Membrane |
| Inner Fabrics | Jacquard Grid Nylon Waterproof Performance: 5000mmH2O Breathability: 3000g/㎡/24h | Jacquard Grid Nylon Waterproof Performance: 5000mmH2O Breathability: 3000g/㎡/24h | Jacquard Grid Nylon Waterproof Performance: 15000mmH2O Breathability: 15000g/㎡/24h |