

## *The Thrill Of Turbo Electric Power!*

### *HIGH SPEED photon LP*

Now flaunt the *Power* and *Style* that defines your true personality and takes you ahead because you are the one taking this world to a greener tomorrow.



AERODYNAMIC STYLE

HIGH TORQUE PWM CONTROLLER

1800 W PEAK POWER BLDC MOTOR

EXTRA WIDE AND CONTOURED PU SEATS

REINFORCED HIGH STRENGTH STEEL CHASSIS

ODOMETER FOR CLOCKING DISTANCES

DYNAMIC SUSPENSION

ANTI-THEFT ALARM

COMBI BRAKE

*photon LP*  
STEP "UP". TAKE "CHARGE"

POWERED BY  
LITHIUM-ION BATTERY



**photon LP**

High Speed of 45 Km/hr	Range* 80 km/ch.	Battery 72V/26Ah	Kerb Weight 87 kg	Motor - 1200W Peak Power - 1800 W	Battery Charging Time 5 hours	Acceleration (0-30 kmph) 4.5 sec	Ground Clearance 140 mm	Gradeability 7 Deg.	Digital Speedometer	Front Telescopic Suspension	
Regenerative Braking	Reinforced High Strength Steel Chassis	Combi Brake	Wheel Size 10 inch	Anti-Theft Alarm	IP 67 Charger	7 Stage Paint Process	PC Head Lamp for Bright Vision	* Under Ideal Test Conditions			

**HERO ELECTRIC BIKES - THE RESULT OF YEARS OF STRONG IN-HOUSE RESEARCH & DEVELOPMENT**



**Water Proof Brushless DC Motor**

**BRUSHLESS MOTOR**

- Integrated design with 46 magnetic poles for high efficiency and high torque which helps to accelerate even on slopes without overloading
- Water proof brushless DC motor with low electromagnetic interference gives a virtually noiseless, comfortable smooth ride
- Motor automatically cuts off when the brakes are applied



**High TRQ**

**ELECTRONIC CONTROLLER**

- Capable of delivering high torque with very high efficiency yet protecting the battery from excess drawn current



**IC Chip**

**HEAVY DUTY CHARGER**

- Multi-stage intelligent charger with in-built memory which regulates the charge based on the battery condition, giving highest charge efficiency
- Can work on wide input operating voltage range, giving constant DC output
- IC chip protects the battery from overcharging, overheating or bulging
- Water-proof Charger.



**Miniature Circuit Breaker**

**ELECTRICALS**

- Fire resistant wiring harness with high factor of safety
- Miniature Circuit Breaker for extra safety and battery charge conservation during long storage



**Automatic Grade Impact Resistant**

**BODY & PAINT**

- High gloss, scratch resistant, UV Protected 7-stage paint process
- Automotive grade impact resistance material for extreme durability and excellent UV resistance
- Side prop stands for easy parking
- Lockable storage compartment and handle bar locks

- No Petrol
- No Pollution
- No Noise
- No Gears
- No Kick Start

**Available Colors**



CUSTOMER HOTLINE: **1860-2662-2662**

Easy on Pocket

Easy on Maintenance

Easy on Environment

POWERED BY **LITHIUM-ION BATTERY**



**HERO ELECTRIC VEHICLES PVT. LTD.**

• Customer Care No.: 1860-2662-2662 E info.electric@heroeco.com W heroelectric.in  
For Institutional/bulk purchase write to us at: institutional.del@heroeco.com

Dealer Stamp

\*Conditions Apply. Use only genuine spares. Accessories shown are not part of standard equipment. Due to continual improvements in our products, all specifications and designs are subject to change without prior notice. Please check warranty policy with dealers. Helmet, License and Registration certificate are mandatory.

## Basic Technical Specifications

<b>PARAMETERS</b>	<b>Photon LP</b>
On Road Range Km	80km
ARAI RANGE (KMPC) IDC 42 Kmph	80 km
POWER (Continuous/Peak)	1200/1800
TOP SPEED (KMPH)	45
VOLTAGE	72V
Battery Type	Advanced Lithium Ion
BATTERY AH	26Ah @ C5 Rating
Charger	Charger Rating 84v 6A
Battery Charge Time	5 Hours
Swappable	Yes
Motor Type	BLDC Motor
Front and Rear Brake	Drum Brake(110mm Diameter)
Front Suspension	Front Telescopic Arrangement
Chassis/Frame	Reinforced High Strength Steel Chassis
TYRE SIZE	10 x 3 TL CEAT/Continental
LED BULB	W S2 Bulb
Kerb Weight	87Kg
Ground Clearance	140mm
GRADEABILITY	7 Degree
Seating Capacity	Two Adults
DUAL COLOUR SEATS W/CONTRAST STICHING	-
<b>DIGITAL SCREEN</b>	
SPEEDOMETER	LCD
APP Based Ignition control	Optional

## Basic Technical Specifications

<b>PARAMETERS</b>	<b>Optima HS500 ER</b>
On Road Range Km	110km
ARAI RANGE (KMPC) IDC 42 Kmph	110
POWER (Continuous/Peak)	550 /1200 Watt
TOP SPEED (KMPH)	42 kmph
VOLTAGE	48 V
Battery Type	Advanced Lithium Ion
BATTERY AH	28Ahx2 @C5 Rating
Charger	Charger Rating 54.6v 6A ,Intelligent
Battery Charge Time	4-5 Hours
Swappable	YES
Motor Type	BLDC Motor
Front and Rear Brake	Drum
Front Suspension	Front Telescopic Arrangement
Chassis/Frame	Reinforced High Strength Steel Chassis
TYRE SIZE	16x3 TL Ceat/ Continental
LED BULB	Yes
Kerb Weight	83Kg
Ground Clearance	140mm
GRADEABILITY	7 Degree
Seating Capacity	Two Adults
DUAL COLOUR SEATS W/CONTRAST STICHING	NO
<b>DIGITAL SCREEN</b>	
SPEEDOMETER	Yes
APP Based Ignition control	Optional