



**GIANTCO<sup>®</sup>**



ELECTRIC POWER  
e-column

**GIANTCO**<sup>®</sup>

## PLUG-AND-RUN BATTERY SYSTEM FOR ELECTRIC VEHICLES

GIANTCO co-develops a new range of electric scooter using a unique vertical plug-and-run battery system. Not only has it got ergonomic design including good charging performance,

it is also neat and practical to use.







- Accomodate 3 Lithium battery packs

- Each pack can operate independently.



- BMS (Battery Management System) to command switching automatically from one used up battery to another one for supplying power continuously.

The BMS controller analyzes performance of both battery and motorcycle with data shown on the LCD display.



## e-Dolphin Specifications

Model	JJB25 / JJB30
Transmission Type	Automatic Continuous Variable Transmission (CVT)
Motor Type	2.5KW / 3.0KW DC Brushless hub motor
Battery Type	LiFePO4 (Plug & Run)
Max Battery Capacity	54V 30Ah or 60V 30Ah (incl. 3 batteries)
Battery Specification	54V 10Ah or 60V 10Ah (each battery)
Charging Voltage	DC 56.5 ± 0.5 or 71.5 ± 0.5
Charging Current	7.5 ± 0.5A or 6.5 ± 0.5A
Recharge Time (each)	5hrs (2hrs to 80%)
Estimated Battery Life	5yrs or 50,000km
Discharge Cycle	1,700cycles
Front Suspension	Oil Damped Telescopic Fork
Rear Suspension	Oil Damped Coil Spring
Front Tyre	3.50-10
Rear Tyre	3.50-10
Front Brake	Single disc, Φ180mm
Rear Brake	Single disc, Φ220mm
Max Speed	45km/h* / 70km/h*
Range	60km* / 50km*
Dimensions (LxWxH)	1840mm x 700mm x 1070mm
Battery Weight (each)	10kg (54V 10Ah) or 11kg (60V 10Ah)





**GIANTCO<sup>®</sup>**

**Low Running Cost**

**Buddy**

**No Emission**

**No Noise**



Pearl White



Glossy Black



Enjoy your ride and have fun with our innovative Audio and Visual System for scooters.

- \* Optional FM radio
- \* Optional Digital TV receiver including antenna (Free channels and no CI card slot)
- \* For Lambros / Stealth / Spartan Series & Sprint / Buddy Series



## e-Buddy Specifications

Silicone Power Battery has an universally-recognized edge over lead-acid type nowadays due to its high capacity, high current output, rapid recharge time, low temperature performance, long life span, and environment-friendliness.



<b>Dimension</b>	1670 × 670 × 1100mm
<b>Net Weight</b>	111kg
<b>Max. Load</b>	150kg
<b>Max. Speed</b>	25 / 30 / 45 km/h (due to EU regulations)
<b>Continuous Mileage</b>	60-90km (With 1 Person)
<b>Wheelbase</b>	1220mm
<b>Battery Charging Time</b>	5~8h
<b>Battery</b>	48V 33Ah
<b>Electric Motor Type</b>	10" DC Brushless Maintenance Free Motor
<b>Electric Motor Output</b>	1000W
<b>Rated speed</b>	510r/min
<b>Output Torque</b>	16N.m
<b>Overflow Protection</b>	30±0.5A
<b>Battery Type</b>	Silicone
<b>Motor Rated Voltage</b>	48V
<b>Low Voltage Protection</b>	42±0.5V
<b>Tyre Size</b>	F&R 3.50-10
<b>Brake System</b>	F Disc, R Drum



**GIANTCO<sup>®</sup>**

A new **Multi-Purpose 2T 50cc Scooter MPS**

designed for delivery, postal

**and** other commercial use



**MPS**



## SPECIFICATIONS

<b>Engine type</b>	2 stroke, single cylinder, forced air-cooled
<b>Bore x Stroke (mm)</b>	40 *39.2
<b>Displacement</b>	49.2 cc
<b>Compression Ratio:</b>	6.9 : 1
<b>Ignition System:</b>	CDI
<b>Starter:</b>	Electric / Kick Start
<b>Max Power:</b>	1.84 kw / 7000 rpm
<b>Max Torque:</b>	4.3 Nm / 7000 rpm
<b>Gearbox:</b>	CVT
<b>Front suspension:</b>	Oil damped telescopic fork
<b>Rear suspension:</b>	Oil damped coil spring
<b>Front Tyre:</b>	120/70-12
<b>Rear Tyre:</b>	130/70-12
<b>Front Brake:</b>	Single disc, $\Phi$ 190mm
<b>Rear Brake:</b>	Single disc, $\Phi$ 190mm
<b>Dimension (mm):</b>	2125* 732*1050
<b>Wheelbase (mm):</b>	1385
<b>Dry Weight (Kg):</b>	103
<b>Engine Oil Capacity (L):</b>	0.8
<b>Fuel Tank Capacity (L):</b>	6
<b>Max. Load (Kg):</b>	150



**GIANTCO®**



2011 New Colour

# Lambros

LIQUID COOLED



<b>Engine Type</b>	2 stroke, single cylinder, liquid cooled
<b>Bore x Stroke</b>	40 x 39.2
<b>Displacement</b>	49.2cc
<b>Compression Ratio</b>	6.9:1
<b>Ignition System</b>	CDI
<b>Starter</b>	Electric / Kick start
<b>Max. Power</b>	3.09 Kw / 8000 rpm
<b>Max. Torque</b>	3.69 Nm / 8000 rpm
<b>Gearbox</b>	CVT
<b>Front Suspension</b>	Oil damped telescopic fork
<b>Rear Suspension</b>	Oil damped coil spring with Gas Chamber

<b>Front Tyre</b>	130/60-13
<b>Rear Tyre</b>	130/60-13
<b>Front Brake</b>	Disc
<b>Rear Brake</b>	Disc
<b>Dimension (mm)</b>	1830 x 645 x 1130
<b>Wheelbase (mm)</b>	1270
<b>Dry Weight (kg)</b>	90
<b>Engine Oil Capacity (L)</b>	0.8
<b>Fuel Tank Capacity (L)</b>	4.2
<b>Max. Load (kg)</b>	150



2011 New Feature - LED Daytime Running Light



# GIANTCO®



G-10 is a stylish 50cc scooter packed with cool features ranging from MotoGP style head cover to LCD instrument panel, LED indicator lights and LED rear brake lamp. It can come with either 12-inch or 13-inch wheels to meet with your needs.



2011 New Colour



