



GLOBAL ELECTRIC VEHICLES COMPANY



9899094651



We Are Dealing of Motor, Controller & Differential of E-rickshaw, Scooty, Bike & Electric Auto

✉ Globelectricvehiclescompany@gmail.com

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GLOBAL ELECTRIC VEHICLES COMPANY

 9899094651

COMPANY INTRODUCTION



CY Manufacturer of
**BLDC MOTOR, CONTROLLER, DIFFERENTIAL OF
E-RICKSHAW, SCOOTY, E-BIKE & ELECTRIC AUTO**



The Company first moto is to give satisfaction to our customers with good quality, high production & better services to fulfil our OEMs and Clients requirements.

We Provide the Economy Products with high end quality to meet Client Requirements.....



QUALITY POLICY

Cy International is committed to deliver glitch Free products on time to meet customer requirement will comply the commitment through continual improvment of our quality management system.....



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INTRODUCING NEW TECHNOLOGY OF SINE WAVE MOTOR & CONTROLLER



- Sinewave As Compared to BLDC Motor**
- ★ Gives 20% More Mileage
 - ★ Gives 20% More Efficiency
 - ★ Gives 20% More Torque
 - ★ More Life, high Magnet Durability

ELECTRIC TRICYCLE MOTOR Basic Parameters

Max Torque	25Nm
Ambient Temperature	-20°C ~ 80°C
Insulation resistance	50MΩ
Dielectric strength	900VAC, 0.5Amp

SINE WAVE SINE GREEN MOTOR PARAMETER

Sr. No.	Power (Watt/Voltage)	Series	RPM (No Load)	Rated Current (A)	Rate Torque (N.m)	Pole	Operating Temp (°C)	IP Grade	Magnet Size (mm) (Height / Thickness)	Body Height (mm)	Motor Shaft Length (mm)	Motor Phase Wire Length (mm ² /Length (M))	Motor Drive Principle (wave)	Efficiency (η%)
1	1000 Watt/48V	120	3300	26	3.17	10	-40 to 125	54	50/3	93.5	206	5.5/1.4	Sine Wave	82-87
2	1150 Watt/48V	120	3300	29	3.34	10	-40 to 125	54	55/3	93.5	210	6/1.4	Sine Wave	82-87
3	1250 Watt/48V	120	3300	32	3.59	10	-40 to 125	54	55/3	93.5	210	6/1.4	Sine Wave	82-87

SINE WAVE SINE GREEN CONTROLLER PARAMETER

Sr. No.	Rated Power (Watt/Voltage)	Peak Current (A)	Rated Current (A)	Operating Temp (°C)	IP Grade	Under Voltage Cut Off	Throttle Working Voltage	High Brake Signal (V)	Regenerative Braking System	Anti-theft Protection	MOSFET Quantity
1	1000 Watt/48V	50	26	-40 to 125	54	42	5	12	EBS	yes	24
2	1150 Watt/48V	55	29	-40 to 125	54	42	5	12	EBS	yes	24
3	1250 Watt/48V	60	32	-40 to 125	54	42	5	12	EBS	yes	24





CY MOTORS



SINE GREEN



PLATINUM



GOLD MOTOR



BLACK



UNITE (RED)



MOTOR PARAMETER

Sr. No.	Power (Watt)	Series	RPM (No Load)	Rated Current (A)	Rate Torque (N.m)	Pole	Operating Temp (°C)	IP Grade	Magnet Size (mm) (Height / Thickness)	Body Height (mm)	Motor Shaft Length (mm)	Motor Phase Wire Length (mm ² /Length (cm))	Motor Drive Principle (wave)	Efficiency (η%)
1	900Watt/48V	120	3400	24	2.9	8	-40 to 120	54	45/4	93.5	206	5/141	Square Wave	80-85
2	1000 Watt/48V	120	3400	25	3.5	8	-40 to 120	54	50/4	93.5	206	5.5/141	Square Wave	80-85
3	1100Watt/48V	120	3400	28	3.7	8	-40 to 120	54	55/4	93.5	206	6/141	Square Wave	80-85
4	1200Watt/48V	120	3300	30	4.1	8	-40 to 120	54	60/5	97.5	210	6/141	Square Wave	80-85
5	900Watt/60V	120	3400	19	3.0	8	-40 to 120	54	45/4	93.5	206	5/141	Square Wave	80-85
6	1000Watt/60V	120	3400	20	3.2	8	-40 to 120	54	50/4	93.5	206	5.5/141	Square Wave	80-85
7	1100Watt/60V	120	3400	22	3.3	8	-40 to 120	54	55/4	93.5	206	6/141	Square Wave	80-85
8	1200Watt/60V	120	3300	25	3.9	8	-40 to 120	54	60/4	97.5	210	6/141	Square Wave	80-85





GLOBAL ELECTRIC VEHICLES COMPANY



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CY CONTROLLERS



CONTROLLER PARAMETER

Sr. No.	Rated Power (Watt/Voltage)	Peak Current (A)	Rated Current (A)	Operating Temp (°C)	IP Grade	Under Voltage Cut Off	Throttle Voltage (V)	Brake Signal (V)	Regenerative Braking System	Anti-theft Protection	MOSFET Quantity
1	900Watt/48V	50	24	-40 to 125	54	42	5	12	EBS	yes	24
2	1000 Watt/48V	50	25	-40 to 125	54	42	5	12	EBS	yes	24
3	1100Watt/48V	55	28	-40 to 125	54	42	5	12	EBS	yes	24
4	1200Watt/48V	60	32	-40 to 125	54	42	5	12	EBS	yes	24
5	900Watt/60V	50	19	-40 to 125	54	52	5	12	EBS	yes	24
6	1000Watt/60V	50	20	-40 to 125	54	52	5	12	EBS	yes	24
7	1100Watt/60V	55	22	-40 to 125	54	52	5	12	EBS	yes	24
8	1200Watt/60V	60	25	-40 to 125	54	52	5	12	EBS	yes	24

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HEAVY MOTOR FOR LOADERS (L-5)



2000 WATT TO 7000 WATT

L5 SINE WAVE BRUSHLESS DC (BLDC) MOTORS

Sr.No.	Power (Watt)	Voltage	Series	RPM (No Load)	Rated Current (A)	Rate Torque (N.m)	Pole	Operating Temp (°C)	IP Grade	Magnet Size (mm) (Height / Thickness)	Body Height (mm)	Motor Shaft Length (mm)	Motor Phase Wire Length (mm ² / Length(cm))	Motor Drive Principle (wave)	Efficiency (η%)
1	1200	60	140	3200-3800	23.5	3.6	10	-40 to 120	54	50*4	120	198	10*0.65M	SINE	85%
2	1500	60	140	3200-3800	29.4	4.5	10	-40 to 120	54	60*4	120	198	12*0.65M	SINE	85%
3	2000	60	140	3200-3800	39.2	6.0	10	-40 to 120	54	70*4	140	217	12*0.65M	SINE	85%
4	2500	60	140	3200-3800	49.0	7.5	10	-40 to 120	54	80*4	140	217	12*0.65M	SINE	85%
5	3000	60	140	3200-3800	58.8	9.0	10	-40 to 120	54	90*4	156	235	16*0.65M	SINE	85%
6	1200	72	140	3200-3800	19.6	3.6	10	-40 to 120	54	50*4	120	198	10*0.65M	SINE	85%
7	1500	72	140	3200-3800	24.5	4.5	10	-40 to 120	54	60*4	120	198	12*0.65M	SINE	85%
8	2000	72	140	3200-3800	32.7	6.0	10	-40 to 120	54	70*4	140	217	12*0.65M	SINE	85%
9	2500	72	140	3200-3800	40.8	7.5	10	-40 to 120	54	80*4	140	217	12*0.65M	SINE	85%
10	3000	72	140	3200-3800	49.0	9.0	10	-40 to 120	54	90*4	156	235	16*0.65M	SINE	85%

L-5 PERMANENT MAGNET SYNCHRONOUS MOTORS (PMSM)

1	2500	60	145	3200-6000	49.0	7.50	8	-40 to 120	65	60*5	150	199	10*0.65M	SINE	85.0%
2	3000	60	145	3200-6000	58.8	9.00	8	-40 to 120	65	80*5	160	190.2	12*0.65M	SINE	85.0%
3	4000	60	145	3200-6000	78.4	11.94	8	-40 to 120	65	100*5	180	210.2	16*0.65M	SINE	85.0%
4	4500	60	145	3200-6000	88.2	13.40	8	-40 to 120	65	110*5	180/200	210.2/230	16*0.65M	SINE	85.0%
5	5000	60	145	3200-6000	98.0	14.92	8	-40 to 120	65	120*5	200	230.2	16*0.65M	SINE	85.0%
6	2500	72	145	3200-6000	40.8	7.50	8	-40 to 120	65	60*5	150	199	10*0.65M	SINE	85.0%
7	3000	72	145	3200-6000	49.0	9.00	8	-40 to 120	65	80*5	160	190.2	12*0.65M	SINE	85.0%
8	4000	72	145	3200-6000	65.4	11.90	8	-40 to 120	65	100*5	180	210.2	16*0.65M	SINE	85.0%
9	4500	72	145	3200-6000	73.5	13.40	8	-40 to 120	65	110*5	180/200	210.2/230	16*0.65M	SINE	85.0%
10	5000	72	145	3200-6000	81.7	14.90	8	-40 to 120	65	120*5	200	230.2	16*0.65M	SINE	85.0%
11	6000	72	160	3200-6000	93.6	17.90	8	-40 to 120	65	96*5	190	220.5	16*0.65M	SINE	89.0%
12	7000	72	160	3200-6000	117.0	22.40	8	-40 to 120	65	120*5	210	240.5	16*0.65M	SINE	89.0%





L-5 CONTROLLER



L-5 BLDC

Sr. No.	Rated Power (Watt)	Voltage (V)	Peak Current (A)	Operating Temp (°C)	IP Grade	Under Voltage Cut Off	Throttle Working Voltage	Electric Brake High / Low	Regenerative Braking System	Anti-theft Protection	CAN BUS
1	1200	48/60	55/50	-40 to 125	54	52/63	5V	Yes	EBS	yes	No
2	1500	48/60	65/60	-40 to 125	54	52/63	5V	Yes	EBS	yes	No
3	2000	48/60/72	85/75/65	-40 to 125	54	52/63	5V	Yes	EBS	yes	No
4	2500	48/60/72	100/90/80	-40 to 125	54	52/63	5V	Yes	EBS	yes	No
5	3000	48/60/72	120/110/95	-40 to 125	54	52/63	5V	Yes	EBS	yes	No

L-5 SMART CONTROLLER FOR PMSM

Sr. No.	Rated Power (Watt)	Voltage	Peak Current (A)	Operating Temp (°C)	IP Grade	Under Voltage Cut Off	Throttle Working Voltage	Brake (Low)	Regenerative Braking System	Anti-theft Protection	CAN BUS
1	2500	60/72	100/85	-40 to 125	54	52/63	5V	Yes	EBS	yes	Yes
2	3000	60/72	120/100	-40 to 125	54	52/63	5V	Yes	EBS	yes	Yes
3	4000	60/72	160/130	-40 to 125	54	52/63	5V	Yes	EBS	yes	Yes
4	4500	60/72	165/140	-40 to 125	54	52/63	5V	Yes	EBS	yes	Yes
5	5000	60/72	180/150	-40 to 125	54	52/63	5V	Yes	EBS	yes	Yes
6	6000	60/72	220/200 255/230	-40 to 125	54	52/63	5V	Yes	EBS	yes	Yes





SINGLE & DOUBLE GEAR DIFFERENTIAL



L-3



L-5

DIFFERENTIAL (L-3)

Sr.No.	Size Length (Inch)	Gear	Gear Ratio	Axle Length (Inch)	Axle Bearing (No.)	Drum Size(mm)	Brake Mode
1	33	Single	1:10	17.5	6205	160/180	Mechanical
2	35	Single	1:10	18.1	6205	160/180	Mechanical
3	38	Single	1:10	20	6206	180	Mechanical
4	40	Single	1:10	21	6206	180	Mechanical
5	42	Single	1:10	22	6206	180	Mechanical
6	33	Double	1:10/1:23	17.5	6205	160	Mechanical
7	35	Double	1:10/1:23	18.1	6205	160	Mechanical
8	38	Double	1:10/1:23	20	6206	180	Mechanical
9	42	Double	1:10/1:23	22	6206	180	Mechanical

DIFFERENTIAL (L-5)

Sr.No.	Size Length (Inch)	Gear	Gear Ratio	Axle Length (Inch)	Axle Bearing (No.)	Drum Size(mm)	Brake Mode
1	35	Normal	1:10	18.1	6206	180	Mechanical
2	42	Single	1:10	22	6206	180	Mechanical
3	48	Single	1:10	25	6206	180	Mechanical
4	35	Double	1:10/1:23	18.1	6206	220	Hydraulic
5	42	Double	1:10/1:23	22	6206	220	Hydraulic
6	48	Double	1:10/1:23	25	6206	220	Hydraulic
7	52	Double	1:10/1:23	27	6206	220	Hydraulic





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L-5 KIT

WITH OIL BRAKE SYSTEM



MCD KIT



- Motor & Controller : 1500 To 6000 Watt.
- Differential Gear Ratio : 1:10 & 1:23
- Braking System : Hydraulic & Mechanical
(Drum Size - 220mm & 180mm)

1500 WATT TO 6000 WATT

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E-AUTO CONVERSION KIT



Auto Conversion Kit

Sr.No.	Power (Watt)	Voltage	Series	RPM (NO LOAD)	RPM (Rated)	Peak Current (A)	Rate Torque (N.m)	Pole	Operating Temp.Per (°C)	IP Grade	Body Height (mm)	Motor Shaft Length (mm)	Motor Phase Wire Length (mm)/ Length(cm)	Motor Drive Principle (wave)	Motor Type	Efficiency (η%)
1	3000	60	140	3200-4500	4000	110	9.0	10	-40 to 120	54	156	235	16*0.65M	SINE	BLDC	85%
2	3000	72	140	3200-4500	4000	100	9.0	10	-40 to 120	54	156	235	16*0.65M	SINE	BLDC	85%
3	4000	60	145	3200-6000	4500	160	11.94	8	-40 to 120	65	180	210.2	16*0.65M	SINE	PMSM	85.0%
4	4000	72	145	3200-6000	4500	130	11.95	8	-40 to 120	65	180	210.2	16*0.65M	SINE	PMSM	85.0%
5	6000	72	160	4500-6000	4500	200	17.90	8	-40 to 120	65	190	220.5	16*0.65M	SINE	PMSM	89.0%





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E-MOTOR BIKE CONVERSION KIT

(MID-DRIVE KIT)



E-MOTOR BIKE CONVERSION KIT ITEM CONTAIN IN KIT

MOTOR	: 1500/2000 WATT	CENTER LOCK
CONTROLLER	: 60V/72V	THROTTLE SET
CONVERTER	: 20AMP	YORK SET
CHARGING SOCKET	: 10 MM	
DIGITAL METER	: 60V/72V	
CHAIN SPROCKET	: 50 TEETH	

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GLOBAL ELECTRIC VEHICLES COMPANY



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E-SCOOTY MOTOR & CONTROLLER

(WIRELESS & SELF LEARNING CONTROLLER)



CONTROLLER(WIRELESS)



**800 WATT
1000 WATT
1200 WATT
1500 WATT
2000 WATT**

E-SCOOTY MOTOR



HUB MOTOR CONTROLLER (SCOOTY)

Sr. No.	Power (Watt)	Voltage	Peak Current	Under Voltage Cut Off	IP Grade	Operating Temp (°C)	Anti Theft (Central Locking)	Three Speed	Throttle Voltage	Regenerative	EBS
1	850	48/60	32	42/53	54	-40 TO 120	YES	YES	5	YES	Yes
2	1000	48/60	35	42/53	54	-40 TO 120	YES	YES	5	YES	Yes
3	1200	48/60/72	40/35	42/52.5/63	54	-40 TO 120	YES	YES	5	YES	Yes
4	1500	60/72	55/45	52.5/63	54	-40 TO 120	YES	YES	5	YES	Yes
5	2000	60/72	65/55	52.5/63	54	-40 TO 120	YES	YES	5	YES	Yes

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GLOBAL ELECTRIC VEHICLES COMPANY



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HUB MOTOR & CONTROLLER FOR E-BIKE (SELF LEARNING CONTROLLER)



**HUB MOTOR & CONTROLLER
(FOR E-BIKE)
AVAILABLE IN 17 INCH**

**2000 WATT &
2500 WATT**

HUB MOTOR CONTROLLER (BIKE 17")

Sr. No.	Power (Watt)	Voltage	Peak Current (A)	Under Voltage Cut Off	IP Grade	Operating Temp (°C)	Anti Theft (Central Locking)	Three Speed	Throttle Voltage	Regenerative	EBS
1	2000	60/72	65/55	52.5/63	85	-40 TO 120	YES	YES	5	YES	Yes
2	2500	60/72	70/65	52.5/63	65	-40 TO 120	YES	YES	5	YES	Yes

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HEAVY DUTY MOTOR FOR E-LOADERS



1500 WATT/48V/60V



2000 WATT/48V/60V



MOTOR PARAMETER

Sr. No.	Power (Watt)	Voltage	Series	RPM (No Load)	Rated Current (A)	Rate Torque (N.m)	Pole	Operating Temp (°C)	IP Grade	Magnet Size (mm) (Height / Thickness)	Body Height (mm)	Motor Shaft Length (mm)	Motor Phase Wire Length (mm ² /Length (M))	Motor Drive Principle (wave)	Efficiency (%)
1	1500	48	128	3450	38	5	10	-40 to 125	54	60/4	105	215	8/1.2	Sine Wave	82-87
2	1800	48	128	3250	43	5.8	10	-40 to 125	54	70/4	115	225	8/1.2	Sine Wave	82-87
3	2000	48	128	3400	50	7.4	10	-40 to 125	54	80/4	125	235	10/1.2	Sine Wave	82-87
4	1500	60	128	3600	32	5	10	-40 to 125	54	60/4	105	215	8/1.2	Sine Wave	82-87
5	1800	60	128	3550	37	5.8	10	-40 to 125	54	70/4	115	225	8/1.2	Sine Wave	82-87
6	2000	60	128	3650	41	6.1	10	-40 to 125	54	80/4	125	235	10/1.2	Sine Wave	82-87





GLOBAL ELECTRIC VEHICLES COMPANY



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SPEEDOMETER, CONVERTER & THROTTLE (WATER PROOF)



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GLOBAL ELECTRIC VEHICLES COMPANY



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Golf Cart Lithium Batteries & Charger



- Volts : 24V/48V/72V
- KW : 2KW ~ 13KW

Golf Cart Lead Acid Batteries & Charger



- Volts : 6V/8V/12V
- AH : 150AH ~ 240AH

Golf Cart Controller / Converter / Motor



GLOBAL ELECTRIC VEHICLES COMPANY

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