

Cable Selection

The cables which are available for our EL6/EL7/EL8 series AC servo drives and ELM1 &ELM2 AC servo motors are listed in detail in this section including a comprehensive guide on how to match the right cables to the drives and motors.

For our EL6/EL7/EL8 series AC servo drives, an USB Type-C tuning cable is optionally provided to connect the drives to a PC for tuning purposes. Any USB Type-C to Type-A data cable can handle the same task. Ethernet cables are also available for communications between drives and controllers. Safe Torque Off STO cable (2 meters) is included with every purchase of our EL6/EL7/EL8 Series AC servo drives.

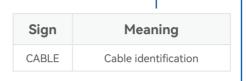
Motor power supply cables (including motor brake cables) and encoder cables are matched with our ELM1 and ELM2 series AC servo motors. The cables are matched to the servo motors based on motor series and frame sizes.

Servo Drive Cables

	EL8-Series EL7-RSP Series EL7-ECN Series EL6-RSP Series	CABLE-TYPEC2M0	2000mm
Tuning Cable	EL7-ECF series	CABLE-USB1M5	
	EL6-CAN series	CABLE-L6TS1M5	
Communication cable		CABLE-TX*M*-BUS	*M*represents the length of the cables. For example, 1M5 = 1.5 meters Available length: 0.2M, 0.5M, 1.0M, 1.5M, 3M, 5M, 7M, 10M, 13M
Safe Torque Off STO cable		CABLE-STOH*M*	*M*represents the length of the cables. For example, 1M5 = 1.5 meters Available length: 0.2M, 1.0M, 1.5M, 2M, 3M, 5M

Motor (brake) cable model number

CABLE RZS H 3M0 - 1 1 3 - T - R



Sign	Cable type		
RZ	Without brake motor cable		
RZS	With brake motor cable		
SC	Brake cable		
***	Reserved		

Sign	Voltage
Н	AC Servo motor cable
D	DC Servo motor cable

Sign	Length	Sign	Length
1M5	1.5 meter	13M0	13 meter
3M0	3 meter	15M0	15 meter
5M0	5 meter		Please
7M0	7 meter	***	contact leadshine teams for
10M0	10 meter		other length

Sign	Drive side terminal type
1	Wire ferrule
2	Spade terminal



Sign	Special requirements	
Blank	Fixed cable	
Т	flexible cable	
TS	flexible & oil proof cable	
***	Reserved	

Sign	Motor side terminal type	
1	AMP plastic plug	
2	Reserved	
3	Assembly type aviation plug	
4	Terminal type direct plug	
***	Reserved	

Sign	Cable specifications
1	20AWG
2	18AWG
3	16AWG
4	15AWG
5	14AWG
6	12AWG
7	10AWG
***	Reserved

CABLE BMA H 3M0 - 1 1 3 - T - R

Sign	Meaning	
CABLE	Cable identification	

Sign	Cable type		
BM	Incremental encoder cable		
ВМА	Absolute encoder cable (Including Battery Kit)		

Sign	Voltage
Н	AC Servo motor cable
D	DC Servo motor cable

Sign	Length	Sign	Length
1M5	1.5 meter	13M0	13 meter
3M0	3 meter	15M0	15 meter
5M0	5 meter		Please
7M0	7 meter	7 meter ***	contact leadshine
10M0	10 meter		teams for other lengths

Sign	Drive side terminal type
1	1394-6P Connector
2	MOLEX Connector

Sign	Customized models
R	Direct plug for back-facing wiring
***	Customized

Sign	Special requirements
Blank	Fixed cable
Т	flexible cable
TS	flexible & oil proof cable
***	Reserved

Sign	Motor side terminal type
1	AMP plastic plug
2	Reserved
3	Assembly type aviation plug
4	Terminal type direct plug
***	Reserved

Sign	Cable specifications
1	2PX24AWG
2	3PX24AWG
3	2PX26AWG
4	3PX26AWG
5	Reserved

ELM1/ELM2 Series - 40mm/60mm/80mm

- Frame size:40mm/60mm/80mm
- o Power rating:50W-1000W



0	able Type	Diagram		Din	
	With brake	Pin 4 3 2 1			
Motor power	Without brake	CABLE-RZH*M*-114-TS	1 2 3 4 A* B*	Blue Black Red Yellow Green Black Red Sterminal for months with brake	0V 24V
	Incremental	CABLE-BMH*M*-114-TS		5 6 7	
Motor encoder	Absolute	CABLE-BMH*M*-124-TS			
	Battery kit	ER14505 BOX-G DCH ROHS	conn	Terminal PE 5V 0V SD+ SD- BAT+ BAT- minal 6 & 7 is to ected to batter absolute encode	ry kit

www.leadshine.com 03/04

ELM2 Series - 100&130mm

- Frame size:100mm/130mm
- o Power rating:1000W/1500W/2000W/2500W/3800W



C	able Type	Diagram		Pin	
Motor power		CABLE-RZ*M*-H(V2.0)	1 2 3 4	Yellow Red Green Black	PE U V W
М	otor brake	CABLE-SC*M*-H(V3.0)	1 2	Black Red	0V 24V
	Incremental	(N) 170 112 (N) 770 (N)	7	20 03 05 05 05 07 07 07	240
		CABLE-7BM*M*-HZ(V3.0)	- [9
Motor encoder	Absolute	CABLE-7BMA*M*-HZ(V3.0)	conne	Terminal PE 5V 0V SD+ SD- BAT+ BAT- ninal 6 & 7 is to exted to battle absolute enco	ery kit

/ Reliable Motion Control Partner

ELM1 Series - 130mm

• Frame size: 130mm

o Power rating: 850W/1300W/1500W/1800W



_	able Type	Diagram		Pin			
C	able Type	Diagram		PIN			
	With brake	CABLE-RZSH*M*-135-TS	(
			Α	Blue	U		
power			В	Black	V		
		SOIL+42094-151-1512] V	С	Red	W		
	\A/:+la a + la ua l . a		D	Yellow Green	PE		
	without brake		1*	Black	0V		
power			2*	Red	24\		
		CABLE-RZH*M*-135-TS	*1&2 terminal for motor with brake				
	Incremental	CABLE-BMH*M*-114-TS		1 2 3 4			
Motor power Without brake Incremental Absolute Motor encoder Battery kit	CABLE-BMH*M*-124-TS	2 1					
			Α	Terminal	В		
			1	PE	-		
			2	5V	1		
		*	3	0V	2		
	Batten/ kit		4	SD+	5		
	Dattery Kit		5	SD-	6		
		ED1/F0F DOV C DCIL DOUG	6*	BAT+	-		
		ER14505 BOX-G DCH ROHS	7*	BAT-	-		
			conn	minal 6 & 7 is to ected to batter absolute enco	ry kit		

www.leadshine.com | 05/06

• Frame size: 130mm

• Power rating:

850W/1300W/1800W/3000W/4000W/5000W



С	able Type	Diagram		Pin		
	With brake	With brake CABLE-RZSH*M*-135-TS				
Motor			Α	Blue	U	
power			В	Black	V	
		(SMIL=82040+135+5197)	С	Red	W	
	Without brake		D	Yellow Green	PE	
	Without brake		1*	Black	0V	
		CABLE-RZH*M*-135-TS	2*	Red	24V	
		CABLE-RZH M - 135-13	*1&2 terminal for motor with brake			
	Incremental	CABLE-BMH*M*-115-TS	(
Motor	Absolute	CABLE-BMH*M*-125-TS				
encoder			Α	Terminal	В	
			10	PE	-	
			2	5V	1	
		(4)	3	0V	2	
	Battery kit		4	SD+	5	
	battery kit		5	SD-	6	
		ED4/F0F DOV 0 DOV DOV	6*	BAT+	-	
		ER14505 BOX-G DCH ROHS	7*	BAT-	-	
			conne	ninal 6 & 7 is to ected to batter absolute enco	ry kit	

ELM2M Series - 180mm

- Frame size:180mm
- O Power rating:2900W-7500W



С	able Type	Diagram		Pin					
		GABLEGRALMA-MAGGOL (I) SELTOLIZE STATE V							
	2900W		Α	Blue	U				
		ŢĒ ——	В	Black	V				
		CABLE-RZA*M*-H-180(V1.0)	С	Red	W				
Motor			D	Yellow Green	PE				
power		GRU-20040-150-15073 V		DO OA CO OB					
power 440	4400W-/500W			White	U				
		04 D. F. D. D. D. H. 400(1/4.0)		Black	V				
		CABLE-RZB*M*-H-180(V1.0)		Red	W				
			D	Yellow Green	PE				
Мо	otor brake	ORE 4 SC 1 MS 4-185 (V1.0) 8 Y 770 (1.21 6 7776) 244)		1 D 2 D D D D D D D D D D D D D D D D D					
		CARLE CC LI 190()(1.0)	1	Black	0V				
	Motor power 4400W-7500W Motor brake Incremental	CABLE-3C-H-100(V1.0)	2	Red	24V				
CABLE-RZA*M*-H-180(V1.0) CABLE-RZB*M*-H-180(V1.0) CABLE-RZB*M*-H-180(V1.0) CABLE-RZB*M*-H-180(V1.0) CABLE-RZB*M*-H-180(V1.0) CABLE-RZB*M*-H-180(V1.0) A WI B B B C R D Yellow CABLE-SC-H-180(V1.0) A Terr 10 F 2 E 3 C 3 C 4 S 5 S 6 B 7* B 7* Ferminal 6 CABLE-7BMA-HZ-180(V1.0)									
	Incremental								
			Α	Terminal	В				
Motor by Motor by Motor encoder				PE	-				
				5V	1				
			_	V0	2				
	Absolute	A 06.0-780(16-5-40 (0.1)		SD+	5				
				SD- BAT+	6				
		CABLE-7BMA-HZ-180(V1.0)		BAT-	_				
					*Terminal 6 & 7 is to be connected to battery kit for absolute encoder				

www.leadshine.com | 07/08

Cable Select

ELM2M Series - 200mm

- Frame size:200mm
- O Power rating:11000W-22000W



С	able Type	Diagram		Pin	
Motor	11kw&15kw	CADLE-RANTMIT-Z/Z	1		
power 1	18.5kW-22kW	CABLE-RZH*M*-292	1 2 3 4	Red Yellow Blue Yellow Green	U V W PE
Мо	otor brake	/	REF-	White	Red U fellow V Blue W ow Green PE White OV Red 24V Framinal B PE - 5V 7 OV 8 SD+ 1 SD- 2 BAT+ - BAT PTC+ 9 PTC- 5 6 & 7 is to be It to battery kit
			REF+	Red	24V
				Terminal	В
	Motor power		1	PE	-
Mot			2	5V	7
		TE CNS集	3		
			4	SD+	
		CARLE DAUGHAY DOG	5	SD-	V W W PE PE PE PE PE PE
		CABLE-BMH*M*-D20	6*	BAT+	-
			7*	BAT-	
			8	PTC+	
			9		
			conne	inal 6 & 7 is to cted to batter bsolute enco	ry kit

Typical configuration examples

EL8 Series

Frame Size (mm)	Rated Power (W)	Motor Model	Matching Drive	Motor Length (mm)	Rated Torque (Nm)	Rated/Max Speed(rpm)	Rated Currrnt (Arms)	Inertia (kgm2*10 ⁻⁴)	Motor Cable	Encoder cable		Turning Cable																													
	50W	ELM2H- 0050LA40F			56.7	0.16	3000/5000	0.93	0.0355		it)																														
40	(220V)	ELM2H- 0050LA40E		84	0.10	3000/5000	0.93	0.0456		[Incremental] +ER14505 BOX-G (Battery Kit) <facing motor="" td="" wiring)<=""><td></td><td></td></facing>																															
40	100W	ELM2H- 0100LA40F		67.7	0.22	2000/5000	0.02	0.0620	s] viring)		(-G (Ba viring)	(-G (Ba viring)	ۓ																												
	(220V)	ELM2H- 0100LA40E	EL8-RS400F EL8-EC400F	95	0.32	3000/5000	0.92	0.0721	[without brake] (with brake) facing motor wi	nental] 05 BOX notor v	colum																														
	200W (220V)	ELM2H- 0200LA60F		71.6	0.//	0000/5000	4.5	0.29	withou [with acing r	[Increr ER145 facing r	If you need brake cable, please select power cable with brake in the power cable column.																														
40	(220V)	ELM2H- 0200LA60E		100.9	0.64	3000/5000	1.5	0.31	:ABLE-RZH*M*-114-TS- (R) [without brake CABLE-RZSH*M*-114-TS- (R) [with brake] d"R" after the model for back facing motor w	(Add "R" after the model for back facing motor wiring) CABLE-BMH*M*-114-TS-(R) [Incremental] CABLE-BMH*M*-124-TS-(R) [Absolute] +ER14505 BOX-G (Back facing motor wiring)																															
60	400W	ELM2H- 0400LA60F		88.8	4.07			0.56	CABLE-RZH*M*-114-TS- (R) CABLE-RZSH*M*-114-TS- (Id "R" after the model for bac		ke in th																														
	(220V)	ELM2H- 0400LA60E		118.1	1.27	3000/5000	2.1	0.58	:H*M*- ZSH*M		S-(R)	S-(R)	S-(R)	S-(R)	3MH*M: -S-(R) r the m	SMH*M S-(R) r the m	S-(R)	S-(R)	MH*M* S-(R) the m	MH*M* S-(R) · the mo	ith bra	.C2M0																			
00	750W (220V)	ELM2H- 0750LA80F	EL8-RS750F EL8-EC750F	90.9	3000/5000	/ 1	1.5	3LE-RZ \BLE-R R" after	ABLE-E *-124-7 'R" afte	cable w	CABLE-TYPEC2M0																														
		ELM2H- 0750LA80E		121.9	2.39	3000/5000	4.1	1.65	CAI CA (Add "	C MH*M; (Add '	C, MH*M* (Add "	C/ MH*M* (Add "	C, MH*M*	C, MH*M* (Add "	, MH*M (Add	C, MH*M, (Add "	C, MH*M,	C, MH*M* (Add "	C, MH*M* (Add "	C, MH*M,	MH*M; (Add '	MH*M (Add '	MH*M; (Add '	C, MH*M* (Add "	C IMH*M; (Add '	C, IMH*M; (Add "	SMH*M3 (Add '	C IMH*M; (Add '	C IMH*Mi (Add '	C 3MH*M (Add	SMH*M	C SMH*M (Add	C IMH*Mi (Add '	C MH*M (Add '	SMH*M (Add '	SMH*MS (Add '	SMH*MS (Add '	SMH*MS (Add '	SMH*M (Add '	SMH*M3 (Add '	SMH*M³
80	1000W	ELM2H- 1000LA80F		103.9	2.10	2000/5000	F 7	2.03		ABLE-B	select																														
	(220V)	ELM2H- 1000LA80E	EL8-RS1000F	134.9	3.18	3000/5000	5.7	2.13		C	please																														
	850W	ELM2H- 0850LD130F-H	EL8-EC1000F		EL8-EC1000F	EL8-EC1000F	EL8-EC1000F	EL8-EC1000F	EL8-EC1000F	EL8-EC1000F	EL8-EC1000F	EL8-EC1000F	EL8-EC1000F	EL8-EC1000F	EL8-EC1000F	EL8-EC1000F	EL8-EC1000F	EL8-EC1000F	EL8-EC1000F	EL8-EC1000F	EL8-EC1000F	EL8-EC1000F	EL8-EC1000F	EL8-EC1000F	EL8-EC1000F	EL8-EC1000F	EL8-EC1000F	126	F 20	45004/500	_	12.5	rake]	ntal] ute])	e cable,						
	(220V)	ELM2H- 0850LD130E-H		153.5	5.39	1500/4500	1500/4500	1500/4500	1500/4500	1500/4500	_	14.8	5-TS	Incremental [Absolute] :tery Kit)	d brake																										
400	1300W	ELM2H- 1300LD130F-H	EL8-RS1500F	144	0.40	450077500		18.7	*M*-13 : brake] 5-TS 【	5-TS [Ir 5-TS G (Batt	on need																														
130	(220V)	ELM2H- 1300LD130E-H	EL8-EC1500F	171.5	8.43 171.5	.43 1500/4500	÷500 –	21	CABLE-RZH*M*-135-TS [without brake] RZSH*M*-135-TS [with	M*-115 *M*-12 5 BOX-	If yo	If y	If y																												
	1800W	ELM2H- 1800LD130F-H	EL8-RS2000F	162	44.5	450077500		23.8	CABLE-RZH*M*-135-TS [without brake] CABLE-RZSH*M*-135-TS [with brake]	CABLE-BMH*M*-115-TS [Incremental] CABLE-BMH*M*-125-TS [Absolute] +ER14505 BOX-G (Battery Kit)																															
	(220V)	ELM2H- 1800LD130E-H	EL8-EC2000F	189.5	11.5 189.5	1500/4500	-	26.1		CABLE CABLE +E																															

www.leadshine.com | 09/10

EL7 Series

Frame Size (mm)	Rated Power (W)	Motor Model	Matching Drive	Motor Length (mm)	Rated Torque (Nm)	Rated/Max Speed(rpm)	Inertia (kgm2*10 ⁻⁴)	Motor Cable	Encoder cable	Brake Cable
	50W	ELM2H- 0050LA40F		56.7		2222/5222	0.036	CABLE-RZH*M*-114-TS- (R) [without brake] CABLE-RZSH*M*-114-TS- (R) [with brake] (Add "R" after the model for back facing motor wiring)	CABLE-BMH*M*-114-TS- (R) [Incremental] CABLE-BMH*M*-124-TS- (R) [Absolute] +ER14505 BOX-G (Battery Kit) (Add "R" after the model for back facing motor wiring)	If you need brake cable, please select power cable with brake in the power cable column.
	(220V)	ELM2H- 0050LA40E		84	0.16	3000/5000	0.046			
40	100W (220V)	ELM2H- 0100LA40F	EL7-RS400P EL7-EC400F EL7-EC400N EL7-PN400F	67.7	0.32	3000/5000	0.062			
		ELM2H- 0100LA40E		95	0.32		0.072			
	200W (220V)	ELM2H- 0200LA60F		71.6	0.64	3000/5000	0.28			
/0		ELM2H- 0200LA60E		101.1			0.3			
60	400W (220V)	ELM2H- 0400LA60F		88.8		3000/5000	0.6			
		ELM2H- 0400LA60E		118.1	1.27		0.62			
	750W (220V)	ELM2H- 0750LA80F	EL7-RS750P EL7-EC750F	90.9	0.00	3000/5000	1.8			
		ELM2H- 0750LA80E	EL7-EC750N EL7-PN750F	121.9	2.39		1.95			
00	1000W (220V)	ELM2H- 1000LA80F	EL7-RS1000P EL7-EC1000F	103.9	0.40	3000/5000	2			
80		ELM2H- 1000LA80E	EL7-EC1000N EL7-PN1000F	134.9	3.18		2.15			
	750W (380V)	ELM2H- 0750LA80FT	EL7-RS750PT EL7-EC750FT EL7-EC750NT EL7-PN750FT	90.9	2.20	3000/5000	2.12			
		ELM2H- 0750LA80ET		121.9	2.39		2.7			
	1000W (220V)	ELM2L- 1000LA100F-H	EL7-RS1000P EL7-EC1000F	154	2.2	3000/6000	2.43	CABLE-RZ*M*H (V1.1) [Fixed cable] CABLE-RZ*M*-H (V2.0) [Flexible cable]	CABLE-7BM*M*-HZ (V3.0) [Incremental] CABLE-7BMA*M*-HZ (V3.0) [Absolute]	CABLE-SC*M*-H (V3.0)
100		ELM2L- 1000LA100E-H	EL7-EC1000N EL7-PN1000F	194	3.2		2.63			
100	1500W (220V)	ELM2L- 1500LA100F-H	EL7-RS1500P EL7-EC1500N	178	4.9	3000/5000	3.503			
		ELM2L- 1500LA100E-H	EL7-PN1500F	218	4.7		3.803			
	850W (220V)	ELM2H- 0850LD130F-H	EL7-RS1000P EL7-EC1000F	126	5.39	- 1500/4500	12.5	CABLE-RZH*M*-135-TS [without brake] CABLE-RZSH*M*-135-TS [with brake]	CABLE-BMH*M*-115-TS [Incremental] CABLE-BMH*M*-125-TS [Absolute] +ER14505 BOX-G (Battery Kit)	If you need brake cable, please select power cable with brake in the power cable column.
130		ELM2H- 0850LD130E-H	EL7-EC1000N EL7-PN1000F	153.5			8.34			
	1300W (220V)	ELM2H- 1300LD130F-H	EL7-RS1500P EL7-EC1500N	144	8.34		18.7			
		ELM2H- 1300LD130E-H	EL7-PN1500F	171.5	0.54		21			
	1800W (220V)	ELM2H- 1800LD130F-H	EL7-RS2000P EL7-EC2000N	162	11 5	4500/0000	23.8			
		ELM2H- 1800LD130E-H	EL7-EC2000N EL7-PN2000F	189.5	11.5	1500/3000	26.1		CABLE CABL +I	

Frame Size (mm)	Rated Power (W)	Motor Model	Matching Drive	Motor Length (mm)	Rated Torque (Nm)	Rated/Max Speed(rpm)	Inertia (kgm2*10 ⁻⁴)	Motor Cable	Encoder cable	Brake Cable
	850W	ELM2H- 0850LD130FT-H	EL7-RS1000PT EL7-EC1000FT	126	F 00		12.5	CABLE-RZH*M*-135-TS [without brake] CABLE-RZSH*M*-135-TS [with brake]		If you need brake cable, please select power cable with brake in the power cable column.
	(400V)	ELM2H- 0850LD130ET-H	EL7-EC1000NT EL7-PN1000FT	153.5	5.39	1500/4500	14.8		CABLE-BMH*M*-115-TS [Incremental] CABLE-BMH*M*-125-TS [Absolute] +ER14505 BOX-G (Battery Kit)	
	1300W	ELM2H- 1300LD130FT-H	EL7-RS1500PT EL7-EC1500FT	144	0.07	130074300	18.7			
	(400V)	ELM2H- 1300LD130ET-H	EL7-EC1500NT EL7-PN1500FT	171.5	8.34		21			
	1800W	ELM2H- 1800LD130FT-H	EL7-RS2000PT EL7-EC2000FT	162	11.5	1500/3000	23.8			
130	(400V)	ELM2H- 1800LD130ET-H	EL7-EC2000NT EL7-PN2000FT	189.5	11.5	1300/3000	26.1			
130	3000W (400V)	ELM2L- 3000LA130FT-H	EL7-RS3000PT EL7-EC3000FT	236.5			9.6			
		ELM2L- 3000LA130ET-H	EL7-EC3000NT EL7-PN3000FT	248.5	9.8		11.3			
	4000W (400V)	ELM2L- 4000LA130FT-H	EL7-RS4400PT EL7-EC4400FT	256.5	12.6	2000//000	11.4			
		ELM2L- 4000LA130ET-H	EL7-EC4400NT EL7-PN4400FT	268.5		3000/6000	13.1			
	5000W (400V)	ELM2L- 5000LA130FT-H	EL7-RS5500PT EL7-EC5500FT	276.5	15.8		13.9			
		ELM2L- 5000LA130ET-H	EL7-EC5500NT EL7-PN5500FT	288.5			15.6			
	2900W (400V)	ELM2M- 2900LD180FT-H	EL7-RS3000PT EL7-EC3000FT	193	18.6	1500/3000	39.78	CABLE-RZB-H-180 RZA-H-180 (V1.0)	CABLE-7BM*M*-HZ-180 (V1.0) [Incremental] CABLE-7BMA*M*-HZ-180 (V1.0) [Absolute]	CABLE-SC*M*-H-180 (V1.0)
		ELM2M- 2900LD180ET-H	EL7-EC3000NT EL7-PN3000FT	241			40.27			
	4400W	ELM2M- 4400LD180FT-H	EL7-RS4400PT EL7-EC4400FT	223			59.67			
	(400V)	ELM2M- 4400LD180ET-H	EL7-EC4400NT EL7-PN4400FT	271	28.4		60.41			
	5500W (400V)	ELM2M- 5500LD180FT-H	EL7-RS5500PT EL7-EC5500FT	243	35		72.93			
		ELM2M- 5500LD180ET-H	EL7-EC5500NT EL7-PN5500FT	291			73.84			
	7500W (400V)	ELM2M- 7500LD180FT-H	EL7-RS7500PT EL7-EC7500FT	283	48		99.45			
180		ELM2M- 7500LD180ET-H	EL7-EC7500NT EL7-PN7500FT	331			100.7			
100	11000W (400V)	ELM2M- 11000LD200FT-H	EL7-	380			75	11000&15000W: CABLE-RZHM*M*-272 18500&22000W:CABLE-RZHM*M*-292	CABLE-BMH*M*-D20	Not provided, self equipped
		ELM2M- 11000LD200ET-H	EC11K0NT	70 482.5	/0		81			
	15000W (400V)	ELM2M- 15000LD200FT-H	EL7-	452	0/	96 1500/1800	114			
		ELM2M- 15000LD200ET-H	EC15K0NT	554.5	96		120			
	18500W (400V)	ELM2M- 18500LD200FT-H	EL7-	488	118		131			
		ELM2M- 18500LD200ET-H	EC18K5NT	590.5	Πδ		137			
	22000W	ELM2M- 22000LD200FT-H	EL7-	524	140		145			
	(400V)	ELM2M- 22000LD200ET-H	EC22K0NT	626.5	140		151			

www.leadshine.com | 11/12

EL6 Series

Frame Size (mm)	Rated Power (W)	Motor Model	Matching Drive	Motor Length (mm)	Rated Torque (Nm)	Rated/Max Speed(rpm)	Inertia (kgm2*10 ⁻⁴)	Motor Cable	Encoder cable	Brake Cable
	50W (220V)	ELM2H- 0050LA40F	EL6-RS400P EL6-CAN400Z	56.7	0.16	3000/5000	0.036	CABLE-RZH*M*-114-TS- (R) [without brake] CABLE-RZSH*M*-114-TS- (R) [with brake] (Add "R" after the model for back facing motor wiring)	CABLE-BMH*M*-114-TS [Incremental] CABLE-BMH*M*-124-TS- (R) [Absolute] +ER14505 BOX-G (Battery Kit) (Add "R" after the model for back facing motor wiring)	If you need brake cable, please select power cable with brake in the power cable column.
40		ELM2H- 0050LA40E		84	0.10		0.046			
	100W (220V)	ELM2H- 0100LA40F		67.7	0.32	3000/5000	0.062			
		ELM2H- 0100LA40E		95			0.072			
	200W (220V)	ELM2H- 0200LA60F		71.6	0.64	3000/5000	0.28			
60		ELM2H- 0200LA60E		101.1			0.3			
60	400W (220V)	ELM2H- 0400LA60F		88.8	1.27	3000/5000	0.6			
		ELM2H- 0400LA60E		118.1			0.62			
	750W (220V)	ELM2H- 0750LA80F	EL6-RS750P EL6-CAN750Z	90.9	2.39	3000/5000	1.8			
80		ELM2H- 0750LA80E		121.9			1.95			
00	1000W (220V)	ELM2H- 1000LA80F	EL6-RS1000P EL6-CAN1000Z	103.9	3.18	3000/5000	2			
		ELM2H- 1000LA80E		134.9			2.15			
100	1000W (220V)	ELM2L- 1000LA100F-H	EL6-RS1000P	154	3.2	3000/6000	2.43	CABLE-RZ*M*H (V1.1) [Fixed cable] CABLE-RZ*M*-H (V2.0) [Flexible cable]	CABLE-7BM*M*-HZ (V3.0) [Incremental] CABLE-7BMA*M*-HZ (V3.0) [Absolute]	CABLE-SC*M*-H (V3.0)
100		ELM2L- 1000LA100E-H	EL6-CAN1000Z	194	3.2		2.63			
130	850W (220V)	ELM2H- 0850LD130F-H	EL6-RS1000P	126	5.39	1500 (1500	12.5	CABLE-RZH*M*-135-TS [without brake] CABLE-RZSH*M*-135-TS [with brake]	CABLE-BMH+M*-114-TS [Increment]-124-TS- (R) [Absolute] +ER14505 BOX-G (Battery Kit) (Add "R" after the model for back facing motor wiring)	If you need brake cable, please select power cable with brake in the power cable column.
130		ELM2H- 0850LD130E-H	EL6-CAN1000Z	153.5		1500/4500	14.8			

(Add ''R' after the back facing mote back facing mote back facing mote and back facing mote a