

Crystalyte Materials Index

ITEM	Part No.	Description
Crystalyte Motor		
1	H35 F	Crystalyte H3525,H3540,H3548 front wheel motor / Speed base on 36V
2	H35 Motor R	Crystalyte H3525,H3540,H3548 rear wheel motor / Speed base on 36V
3	H40 Motor R	Crystalyte H4065,H4080,H40100 Motor Rear / Speed base on 72V
4	H25 Motor F	Crystalyte H2225,H2240,H2248 front wheel / Speed base on 36V
5	TC Motor R	Crystalyte TC65, TC80,TC100 Motor Rear wheel/Speed base on 72V + 12G Spokes for TC motor
6	G Motor F	Crystalyte G40,G30 front wheel motor / Speed base on 36V
7	G Motor R	Crystalyte G40,G30 Rear wheel motor design for 8speed cassette / Speed base on 36V
8	G-Hub	Free hub for G rear wheel motor
9	SAW Motor F	SAW406, SAW408, SAW4012 Motor Front wheel / Speed base on 36V
10	SAW Motor R	SAW406, SAW408, SAW4012 Motor Rear wheel / Speed base on 36V
11	NSM 209 F	NSM 209 Motor Front wheel for Brompton / Speed base on 36V
12	5400 Motor R	5403 rear wheel motor, Motor dropout :150mm or 162mm / Speed base on 72V
Remark: - H front wheel motor and SAW front dropout:100mm - NSM front wheel motor dropout:75mm - H rear wheel motor and SAW rear wheel dropout:135mm - TC rear wheel motor dropout:140mm - G rear wheel motor for 8 speed cassette - H35 and H40 motor and TC motor and 5403 motor available 36V to 72V / TC motor and 5403 motor available 36V-72V G motor and SAW motor and NSM motor available 36V - All motor for NSK bearing and SS411A hall effect sensor - Motor no include temperature sensor		
Motor Torque Arm		
13	TQARM	Crystalyte Torque Arm - Universal for all Hub Motors - Front and Rear
Motor laced with Wheel		
14	MLW-Rim	Motor laced with 20", 24",26",700c wheel (23mm or 31mm wide)
Crystalyte Contrller		
15	CT3625	36V 25A Controller for Sensor or Sensorless Motors
16	CT4825	48V 25A Controller for sensor or sensorless Motors
17	CT3640	36V 40A Controller for sensored or sensorless motors
18	CT7240	72V 40A Controller for sensored or sensorless motors
19	CT4850	48V 50A controller for sensored or sensorless motors
20	CT7250	72V 50A controller for sensored or sensorless motors
21	CT7260	72V 60A controller for sensored or sensorless motors
22	CT7280	72V 80A controller for sensored or sensorless motors
23	CT9645	96V 45A controller for sensored or sensorless motors
24	CT9680	96V 80A controller for sensored or sensorless motors
25	CT9690	96V 90A controller for sensored or sensorless motors
Remark: 25A, 40A, 45A controller 12pcs mosfets 50A, 60A controller 18pcs mosfets 80A, 90A controller 24pcs mosfets		
Crystalyte APM		
26	APM-Display	Active Power Management Display for Crystalyte Contrller
Rim		
27	23MM Rim16	Black or Silver Rim for Hub Motor 16 inch (12.5 inches diameter, 23mm wide)
28	23MM Rim20"	Black or Silver Rim for Hub Motor 20 inch (16.5 inches diameter, 23mm wide)
29	23MM Rim24	Black or Silver Rim for Hub Motor 24 inch (20.5 inches diameter, 23mm wide)
30	23MM Rim26	Black or Silver Rim for Hub Motor 26 inch (22.5 inches diameter, 23mm wide)
31	23MM Rim700	Black or Silver Rim for Hub Motor 29/700C (25 inches diameter, 23mm wide)
32	31MM Rim20	Black or Silver Rim for Hub Motor 20 inch (16.5 inches diameter, 31mm wide)
33	31MM Rim24	Black or Silver Rim for Hub Motor 24 inch (20.5 inches diameter, 31mm wide)
34	31MM Rim26	Black or Silver Rim for Hub Motor 26 inch (22.5 inches diameter, 31mm wide)
35	31MM Rim700	Black or Silver Rim for Hub Motor 29/700C (25 inches diameter, 31mm wide)
Spokes		
36	SP-12STL	12# Stainless Steel Spoke
37	SP-13STL	13# Stainless Steel Spoke
38	SP-12STL	12# Stainless Steel Spoke For TC Motor
Remarks: Spoke length is determined by the size of motor and rim. Please specify the length of the spokes or the model of motors (motor number, front or rear wheel) and size of the rims for which the spokes are used on.		
Battery Box		
39	BBX-01	Battery Box No. 1 For 36V 12Ah SLA Battery
40	BBX-03	Battery Box No. 3 For 36V 9Ah LiMn2O4 Battery
41	BBX-04	Battery Box No. 4 For 36V 9Ah Li-ion 18650 Battery

Battery Bag and Metal Battery Brackets

42	RB-3	Battery bag for 36V 12Ah SLA battery pack
43	RB-2	Battery bag for 48V 12Ah SLA battery pack
44	Map-101	Battery saddle bag (Material for PVC)
45	RBL - BAG	Battery bag for 24V,36V,48V Lithium battery pack
46	BattBrkt	Metal Battery Brackets (pair)
47	BattBag	Simu Leather Bags for Battery Brackets (pair)

Remark: Bag above not contain Key Switch and Harness Wiring with Charging Port

Price for Key Switch + Harness Wiring with Charging Port \$13.00/set (KW-HW)

Throttle & Brake & Cruise & PAS

48	TH-STG	Split Twist Grip Throttle
49	TH-STG36/48-LED	36V or 48V Split Twist Grip Throttle with Power Indicator
50	TH-FTG	Full Twist Grip Throttle
51	TH-FTG36/48-LED	36V or 48V Full Twist Grip Throttle with Power Indicator
52	TH-THM	Thumb Throttle
53	TH-THM36/48-LED	36V or 48V Thumb Throttle with Power Indicator
54	CRS	Cruise Controller
55	EBR	Electric Brake Cut off
56	PAS-V5	Pedal Assistant Sensor Controller Matching V5 PAS
57	PAS-V7	Pedal Assistant Sensor Controller Matching V7 PAS
58	SA-3	3-speed adjustor
59	SA-2	On and off switch mount on handle bar
60	SA-1	Switch for horn
61	RevSW	Handlebar mounted reverse switch for Crystalyte hub kits

Freewheel

62	FW-1	1 Speed Gear Freewheel
63	FW-7	7 Speed Gear Freewheel
64	FW-8	8 Speed Gear Freewheel

Spokes wrench

65	WR-SP12or13	Spoke Wrench for 12 Gauge Spokes or 12 gauge Spokes
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Motor wrench

66	WR-19	19mm Wrench for
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Extension Cable and Wire set

67	Extn-THR2	1 ft Throttle Extension for Crystalyte Throttles
68	Extn-THR	4ft Throttle Extension for Crystalyte Throttles
69	ExtnPX	4Ft Battery wire extension with 50A Anderson connector on both ends
70	Extn-BRAKE	Extension for Crystalyte Brake Inhibits
71	Extn-CTK	Extension for Crystalyte Cruise Control
72	Extn-REV	Extension for Crystalyte Reverse Switch
73	Extn-XLR	Battery wire extension with XLR connector on each end
74	Extn-HE	Hall Effect Sensor Wire Extension for Crystalyte Motor
75	Jumper2	Jumper wire appx 36 inches with 1/4 inch terminals each end
76	Jumper	Jumper wire appx 6 inches with 1/4 inch terminals each end
77	Extn-APM	APM-Display Extension cable
78	WireSet	Key Switch + Harness Wiring with Charging Port for Lithium battery or SLA battery
79	KS	Key Switch

Connectors

80	SXLR-M	Mini XLR Male Connector for Hall Effect Sensor
81	SXLR-F	Mini XLR Female Connector for Hall Effect Sensor
82	LXLR-M	Big XLR Male Connector
83	LXLR-F	Big XLR Female Connector
84	PLK-3M	3-pin Male Plastic Connector
85	PLK-3F	3-pin Female Plastic Connector
86	PLK-4M	4-pin Male Plastic Connector
87	PLK-4F	4-pin Female Plastic Connector
88	PLK-5M	5-pin Male Plastic Connector for Hall Effect Sensor
89	PLK-5F	5-pin Female Plastic Connector for Hall Effect Sensor
90	PLK-6M	6-pin Male Plastic Connector for Cycle Analyst
91	PLK-6F	6-pin Female Plastic Connector for Cycle Analyst
92	AND-B40	Anderson Connector (Black) Max.40A
93	AND-R40	Anderson Connector (Red) Max.40A
94	AND-B50	50A Anderson connector for battery (Big)
95	BL-XT150	Bullet XT150 connectors Male and Female (Pair)
96	XT90	XT90 connectors for battery cable Male and female (Pair)

Disk Brake

97	Rotor6	6 inch Disc Rotor for Disc Brakes(160MM)
98	Rotor7	7 inch Disc Rotor for Disc Brakes (180MM)
99	Caliper	Disc brake caliper

Fuse and Fuse Holder

100	fuse20	20A ATO Fuse
101	fuse40	40A ATO Fuse
102	FuseHolder50	Fuse Holder 50A includes fuse
103	FuseHolder	Fuse Holder up to 40A includes 40A fuse

Hall Effect Sensor

104	HEsens-B	Hall effect sensor - Blue Signal/Return wire
105	HEsens-G	Hall effect sensor - Green Signal/Return wire
106	HEsens-Y	Hall effect sensor - Yellow Signal/Return wire

Other part

107	ScrewPX M4	TORX Allen screw M4 nut for H motor case (Sensorless Motor)
108	ScrewPX M4	TORX Allen screw M4 nut for H motor case (disc brake case)
109	ScrewPX M4	TORX Allen screw M4 nut for H motor case (non-disc case)
110	ScrewRR M5	TORX Allen screw M5 nut for H motor case (Sensorless Motor)
111	ScrewRR M5	TORX Allen screw M5 nut for H motor case (disc brake case)
112	ScrewRR M5	TORX Allen screw M5 nut for H motor case (non-disc case)
113	Nut H	Axle nut for H Motor
114	Nut G	Axle nut for G Motor
115	LockWashPX	Lock Washer for Axle
116	SlotWashPX	Slotted Washer for Axle
117	RimStrip-Nyl	Nylon Rim Strip for 16 inch thru 29/29/700C bike rim
118	VSP	Velcro Strap
119	NTC	Nylon Tie for Cables