

E-BIKE

	<i>Page</i>	
Cycle Computer	244	SC
Switch Unit	246	SW
Drive Unit	248	DU
Drive Unit Cover	250	SMDU
Speed Sensor Unit	251	SMDU
Disc Brake Rotor	251	RT
Crankarm	252	FC
Chainring Unit	253	SMCR
Chain Device	255	SMCD
Battery	256	BT
Battery Mount	258	BM
Satellite System ON/OFF Switch	259	EWSW
Satellite Charging Port	259	EWCP
Battery Charger	260	EC
D12 Adapter	263	EWEX
Chain Case Fixing Bolt	263	SMDU

Cycle Computer

Series	SHIMANO	SHIMANO	SHIMANO	SHIMANO	SHIMANO	SHIMANO
Model no.	SC-EM800	SC-E8000	SC-E7000	SC-E6100	SC-E5000	SC-E5003
Color	1	Standard	Standard	Standard	Standard	Black
	2	-	-	-	-	-
	3	-	-	-	-	-
Mount position	Center on handlebar	-	-	-	✓	-
	Right on handlebar	-	✓	✓	-	-
	Others	✓	-	-	-	* ✓
Master unit	-	-	-	-	-	* ✓
Wireless system	ANT private Bluetooth®LE	ANT private Bluetooth®LE	ANT private Bluetooth®LE	ANT private Bluetooth®LE	-	-
Firmware update by E-TUBE PROJECT	✓	✓	✓	✓	✓	✓
SD50 port (pcs)	0	4	4	3	1	0
SD300 port (pcs)	4	0	0	0	0	1
SD50 connector (pcs)	0	0	0	0	0	0
SD300 connector (pcs)	0	0	0	0	0	0
Back Light	✓	✓	✓	✓	✓	✓
LCD size (inch)	1.6	1.6	1.39	2.7	1.4	1.4
Beep	✓	✓	✓	✓	-	-
Display Detachable	-	-	-	✓	-	-
Display Fixation	✓	✓	✓	-	✓	✓
Display Change Button	✓	✓	✓	✓	✓	✓
Assist mode change (w/o switch unit)	✓	-	✓	✓	✓	✓
Reset button	-	-	-	-	-	-
Inside battery	✓	✓	✓	✓	-	-
System on/off button	-	-	-	✓	-	-
Light on/off button	-	-	-	✓	✓	✓
Assist on/off button	-	-	-	-	-	-
Auto Start & Auto Stop	-	-	-	-	-	-
Contents of Display	Clock	✓	✓	✓	✓	-
	Assist mode display	✓	✓	✓	✓	✓
	Assist on/off	✓	✓	✓	✓	-
	Walk mode display	✓	✓	✓	✓	✓
	Battery charge level	✓	✓	✓	✓	✓
	Light condition	✓	-	-	✓	-
	Current Speed	✓	✓	✓	✓	✓
	Gear Position Display	* ✓	✓	✓	✓	✓
	Start mode	-	-	✓	✓	-
	Automatic shift mode	* ✓	-	✓	✓	✓
	Maximum speed	✓	** ✓	** ✓	** ✓	-
	Average speed	✓	** ✓	** ✓	** ✓	-
	Trip distance	✓	✓	✓	✓	✓
	Trip time	✓	** ✓	** ✓	** ✓	-
	Odometer	✓	✓	✓	✓	✓
	Estimated range	✓	✓	✓	✓	✓
	Range overview	✓	-	-	✓	-
	Assist power indicator	✓	✓	-	✓	-
	Error Message	✓	✓	-	✓	✓
	Cadence (rpm)	✓	✓	** ✓	** ✓	-
	Human Out put Power	-	-	-	-	-
	Calorie	-	-	-	-	-
	Shifting advice	-	-	-	✓	-
	Maintenance alert	✓	-	✓	✓	*** ✓
	ECO cruising mode	-	-	-	-	-
	Bluetooth®LE connection status	✓	-	✓	✓	-
	Setting menu	Trip Distance reset	✓	✓	✓	✓
Odometer reset		✓	-	-	-	-
Setting clear		✓	-	-	-	-
Clock adjustment		✓	✓	✓	✓	-
Start mode		-	-	✓	✓	*** -
Shifting advise		-	-	-	-	-
ECO cruising setting		-	-	-	-	-
Back light on/off		-	-	-	✓	*** -
Light on/off		** ✓	✓	✓	-	*** -
Back light brightness		✓	✓	-	✓	-
Beep on/off		✓	✓	✓	✓	-
Unit (km/mile)		✓	✓	✓	✓	** ✓
Font color		-	-	✓	✓	-
Adjusting for shift		* ✓	* ✓	* ✓	* ✓	*** -
Adjusting for auto shift timing		-	-	* ✓	* ✓	*** -
RD Protection Reset		* ✓	* ✓	* ✓	* ✓	-
Bluetooth®LE pairing		✓	✓	✓	✓	-
Bluetooth®LE/ANT connection status		-	✓	-	-	-
Long Distance mode on/off		-	-	-	-	-
Riding Characteristic Change		-	-	-	-	-
Assist Customize	✓	-	-	-	-	
Language	English	✓	✓	✓	✓	✓
	German	✓	✓	✓	✓	-
	Dutch	✓	✓	✓	✓	-
	French	✓	✓	✓	✓	-
	Spanish	✓	✓	✓	✓	-
	Italian	✓	✓	✓	✓	-
Average weight (g)	41	41	32	110	-	-
Note	2 spec of clamp band diameter 31.8 and 35.0 mm. * In case of Di2 ** In combination with assist mode switch	2 Spec of clamp band diameter: 31.8 and ø35.0 * In case of SEIS ** Option by E-TUBE PROJECT	* In case of SEIS ** Option by E-TUBE PROJECT	* In case of SEIS ** Option by E-TUBE PROJECT	* Left on handlebar (normal specification and I-SPEC EV specification) ** Setting by E-TUBE PROJECT *** Drive unit setting by E-TUBE PROJECT	* Left on handlebar (normal specification and I-SPEC EV specification) ** Setting by E-TUBE PROJECT *** Drive unit setting by E-TUBE PROJECT

Cycle Computer

Series		SHIMANO
Model no.		EW-EN100
Color	1	Standard
	2	-
	3	-
Mount position	Center on handlebar	-
	Right on handlebar	-
	Others	✓
Master unit		-
Wireless system		ANT private Bluetooth®LE
Firmware update by E-TUBE PROJECT		✓
SD50 port (pcs)		2
SD300 port (pcs)		0
SD50 connector (pcs)		0
SD300 connector (pcs)		0
Back Light		-
LCD size (inch)		-
Beep		-
Display Detachable		-
Display Fixation		-
Display Change Button		-
Assist mode change (w/o switch unit)		✓
Reset button		-
Inside battery		-
System on/off button		-
Light on/off button		✓
Assist on/off button		-
Auto Start & Auto Stop		-
Contents of Display	Clock	-
	Assist mode display	✓
	Assist on/off	-
	Walk mode display	✓
	Battery charge level	✓
	Light condition	-
	Current Speed	-
	Gear Position Display	-
	Start mode	-
	Automatic shift mode	-
	Maximum speed	-
	Average speed	-
	Trip distance	-
	Trip time	-
	Odometer	-
	Estimated range	-
	Range overview	-
	Assist power indicator	-
	Error Message	✓
	Cadence (rpm)	-
	Human Out put Power	-
	Calorie	-
	Shifting advice	-
	Maintenance alert	-
	ECO cruising mode	-
	Bluetooth®LE connection status	-
	Setting menu	Trip Distance reset
Odometer reset		-
Setting clear		-
Clock adjustment		-
Start mode		-
Shifting advise		-
ECO cruising setting		-
Back light on/off		-
Light on/off		-
Back light brightness		-
Beep on/off		-
Unit (km/mile)		-
Font color		-
Adjusting for shift		* ✓
Adjusting for auto shift timing		-
RD Protection Reset		* ✓
Bluetooth®LE pairing		✓
Bluetooth®LE/ANT connection status	-	
Long Distance mode on/off	-	
Riding Characteristic Change	-	
Assist Customize	-	
Language	English	-
	German	-
	Dutch	-
	French	-
	Spanish	-
Average weight (g)	6	
Note	* Set by switch operation in case of SEIS	

SC

SW

DU

SMDU

SMDU

RT

FC

SMCR

SMCD

BT

BM

EWSW

EWCP

EC

EWEX

SMDU

Switch Unit

Series		SHIMANO	SHIMANO	SHIMANO	SHIMANO	SHIMANO	SHIMANO
Model no.		SW-EM800-L	SW-E8000-L	SW-E7000-L	SW-E7000-R	SW-E6010-L	SW-E6010-R
Switch type		-	FIREBOLT	-	-	-	-
Color	1	Standard	Standard	Standard	Standard	Standard	Standard
	2	-	-	-	-	-	-
	3	-	-	-	-	-	-
Usage		For assist	For assist	For assist	For SEIS shift	For assist	For SEIS shift
Right SW		-	-	-	✓	-	✓
Left SW		✓	✓	✓	-	✓	-
Button numbers (pcs)		2	2	2	2	3	3
Master unit		-	-	-	-	-	-
Firmware update by E-TUBE PROJECT		✓	✓	✓	✓	✓	✓
SD50 port (pcs)		0	1	0	0	0	0
SD300 port (pcs)		1	0	0	0	0	0
SD50 connector (pcs)		0	0	1	1	1	1
SD300 connector (pcs)		0	0	0	0	0	0
System On-Off		-	-	-	-	-	-
Assist Mode Change		✓	✓	✓	-	✓	-
Display change		-	-	-	-	✓	✓
Automatic/Manual Change		-	-	-	✓	✓	✓
Light On-Off		-	* -	* -	-	* -	-
Multiple input	2 step	-	-	-	-	-	-
	Hold	* ✓	-	* ✓	** ✓	-	** ✓
Average weight (g)		24.5	93.2	** 23.9	** 23.9	31.3	31.3
Note		* Set by E-TUBE PROJECT	* By Setting Menu	* Set by E-TUBE PROJECT ** Cable length 700 mm spec. Cable length: 400 mm, 300 mm, 700 mm	* Available for rear derailleur ** Cable length 700 mm spec. Cable length: 400 mm, 300 mm, 700 mm	* By Setting Menu	** Available for rear derailleur

Switch Unit

Series		SHIMANO
Model no.		SW-E6000
Switch type		-
Color	1	Gray
	2	Black
	3	-
Usage		* For assist or SEIS shift
Right SW		✓
Left SW		✓
Button numbers (pcs)		3
Master unit		-
Firmware update by E-TUBE PROJECT		✓
SD50 port (pcs)		0
SD300 port (pcs)		0
SD50 connector (pcs)		1
SD300 connector (pcs)		0
System On-Off		-
Assist Mode Change		✓
Display change		* ✓
Automatic/Manual Change		* ✓
Light On-Off		* ✓
Multiple input	2 step	-
	Hold	-
Average weight (g)		25.5
Note		* Set by E-TUBE PROJECT

SC

SW

DU

SMDU

SMDU

RT

FC

SMCR

SMCD

BT

BM

EWSW

EWCP

EC

EWEX

SMDU

Drive Unit

Series		SHIMANO	SHIMANO	SHIMANO	SHIMANO	SHIMANO	SHIMANO
Model no.		DU-EP800	DU-E8000	DU-E8080	DU-E7000	DU-E6100	DU-E6110
Color	1	Standard	Black	Black	Standard	Standard	Standard
	2	-	-	-	-	-	-
	3	-	-	-	-	-	-
Compatible Brake type		Disc brake	Disc brake, V-BRAKE	Disc brake	Disc brake, V-BRAKE	V-BRAKE, Roller brake, Disc brake	Coaster brake
Motor type		Brushless motor	Brushless motor	Brushless motor	Brushless motor	Brushless motor	Brushless motor
Position		Mid ship	Mid ship	Mid ship	Mid ship	Mid ship	Mid ship
Compatible Wheel Size (mm)		1,300 - 3,000	*1,300 - 3,000	*1,300 - 3,000	1,300 - 3,000	1,300 - 3,000	1,300 - 3,000
Continuous Rated Power (Watt)		250	250	250	250	250	250
Maximum torque (Nm)		85	70	70	60	60	60
Rated Voltage		DC 36V	DC 36 V	DC 36 V	DC 36 V	DC 36 V	DC 36 V
DI2 compatible	Internal geared hub	✓	-	-	-	✓	✓
	Rear derailleur	✓	*✓	*✓	✓	✓	-
Maximum support bike speed	24 km/h	-	-	✓	*✓	*✓	-
	25 km/h	**✓	*✓	-	*✓	*✓	*✓
	20 mph	**✓	*✓	-	*✓	*✓	*✓
	Other	-	-	-	-	-	-
	Adjustment	-	-	-	-	*✓	*✓
Riding Characteristics	Dynamic	-	*✓	-	*✓	-	-
	Moderate	-	-	-	-	-	-
	Explorer	-	*✓	-	*✓	-	-
	Customize	-	*✓	-	*✓	-	-
	Sportive/Light off-road	-	-	-	-	*✓	*✓
	Comfort	-	-	✓	-	*✓	*✓
	Profile 1	✓	-	-	-	-	-
Profile 2	✓	-	-	-	-	-	
Assist mode	BOOST	✓	✓	-	✓	-	-
	HIGH	-	-	✓	-	✓	✓
	TRAIL	✓	✓	-	✓	-	-
	NORMAL	-	-	✓	-	✓	✓
	ECO	✓	✓	✓	✓	✓	✓
Power supply for front light		DC 12 V	DC 6 V	DC 6 V	DC 12 V	DC 12 V	DC 12 V
Power supply for rear light		DC 12 V	DC 6 V	DC 6 V	DC 12 V	DC 12 V	DC 12 V
Maximum current supply front and rear light total (A)		2.0	2	2	2	2	2
Power supply port for electric devices		-	-	-	-	-	-
Safe way home function		✓	✓	✓	✓	✓	✓
Communication		E-TUBE	E-TUBE	E-TUBE	E-TUBE	E-TUBE	E-TUBE
Master unit		✓	✓	✓	✓	✓	✓
Firmware update by E-TUBE PROJECT		✓	✓	✓	✓	✓	✓
SD50 port (pcs)		0	2	2	2	2	2
SD300 port (pcs)		2	0	0	0	0	0
SD50 connector (pcs)		0	0	0	0	0	0
SD300 connector (pcs)		0	0	0	0	0	0
Port for Light (pcs)		-	-	-	-	-	-
Terminal for Light (pcs)		1	1	1	1	1	1
Port for Electric devices (pcs)		-	-	-	-	-	-
Port for Speed Sensor (pcs)	SD50 type	0	1	1	1	1	1
	SD300 type	1	0	0	0	0	0
Chain case compatible		-	-	-	-	✓	✓
Chain device compatible		✓	✓	✓	✓	-	-
Torque sensor		✓	✓	✓	✓	✓	✓
Crank arm position sensor		✓	✓	✓	✓	✓	✓
Bike speed sensor		***✓	**✓	**✓	**✓	**✓	**✓
Cadence sensor		✓	✓	✓	✓	✓	✓
Walk assist function	On/Off	**✓	✓	-	*✓	*✓	*✓
	Standard	-	✓	-	-	-	-
	Intelligent	*✓	***✓	-	**✓	***✓	***✓
	Quick	✓	✓	-	✓	✓	✓
Automatic shift	Internal geared hub 11-speed	-	-	-	-	-	-
	Internal geared hub 8-speed	*✓	-	-	-	✓	✓
	Internal geared hub 7-speed	-	-	-	-	-	-
	Internal geared hub 5-speed (INTER-5E)	*✓	-	-	-	✓	✓
	Rear derailleur	-	-	-	-	-	-
SYMPHOMATIC	Internal geared hub	*✓	-	-	-	✓	✓
	Rear derailleur	-	-	-	-	-	-
Electronic shift by drive unit control		-	-	-	-	-	-
Compatible bottom bracket type		24 mm Axle Serration	24 mm Axle Serration	24 mm Axle Serration	24 mm Axle Serration	24 mm Axle Serration	24 mm Axle Serration
Drive unit fixing bolt (pcs)		6	-	-	-	-	-
Average weight (kg)		2.6	2.88	2.89	2.79	2.76	2.7
Note		* In case of DI2 ** Set by E-TUBE PROJECT *** By using EW-SS300/ EW-SS301	* Set by E-TUBE PROJECT ** By using SM-DUE10/SM-DUE11 *** By using RD-M9050/RD-M8050	* Set by E-TUBE PROJECT ** By using SM-DUE11	* Set by E-TUBE PROJECT ** By using SM-DUE10/SM-DUE11 *** By using RD-M9050/RD-M8050	* Set by E-TUBE PROJECT ** By using SM-DUE10/SM-DUE11 *** Only in combination with DI2	* Set by E-TUBE PROJECT ** By using SM-DUE10/SM-DUE11 *** Only in combination with DI2

Drive Unit

Series		SHIMANO	SHIMANO	SHIMANO	SHIMANO
Model no.		DU-E6180	DU-E5000	DU-E5080	DU-E5080-H
Color	1	Standard	Standard	Standard	Standard
	2	-	-	-	-
	3	-	-	-	-
Compatible Brake type		V-BRAKE, Roller brake, Disc brake	V-BRAKE, Roller brake, Disc brake, Coaster brake	V-BRAKE, Roller brake, Disc brake, Coaster brake	V-BRAKE, Roller brake, Disc brake, Coaster brake
Motor type		Brushless motor	Brushless motor	Brushless motor	Brushless motor
Position		Mid ship	Mid ship	Mid ship	Mid ship
Compatible Wheel Size (mm)		1,300 - 3,000	1,300 - 3,000	1,300 - 3,000	1,300 - 3,000
Continuous Rated Power (Watt)		250	250	250	250
Maximum torque (Nm)		60	40	40	40
Rated Voltage		DC 36 V	DC 36 V	DC 36 V	DC 36 V
DI2 compatible	Internal geared hub	✓	✓	✓	✓
	Rear derailleur	✓	✓	✓	✓
Maximum support bike speed	24 km/h	✓	-	✓	✓
	25 km/h	-	*✓	-	-
	20 mph	-	*✓	-	-
	Other	-	-	-	-
	Adjustment	*✓	*✓	*✓	*✓
Riding Characteristics	Dynamic	-	-	-	-
	Moderate	-	-	-	-
	Explorer	-	-	-	-
	Customize	-	-	-	-
	Sportive/Light off-road	*✓	-	-	✓
	Comfort	*✓	✓	✓	-
	Profile 1	-	-	-	-
Profile 2	-	-	-	-	
Assist mode	BOOST	-	-	-	-
	HIGH	✓	✓	✓	✓
	TRAIL	-	-	-	-
	NORMAL	✓	✓	✓	✓
	ECO	✓	✓	✓	✓
Power supply for front light		DC 12 V	DC 12 V	DC 12 V	DC 12 V
Power supply for rear light		DC 12 V	DC 12 V	DC 12 V	DC 12 V
Maximum current supply front and rear light total (A)		2	2	2	2
Power supply port for electric devices		-	-	-	-
Safe way home function		✓	✓	✓	✓
Communication		E-TUBE	E-TUBE	E-TUBE	E-TUBE
Master unit		✓	✓	✓	✓
Firmware update by E-TUBE PROJECT		✓	✓	✓	✓
SD50 port (pcs)		2	1	1	1
SD300 port (pcs)		0	0	0	0
SD50 connector (pcs)		0	0	0	0
SD300 connector (pcs)		0	0	0	0
Port for Light (pcs)		-	-	-	-
Terminal for Light (pcs)		1	1	1	1
Port for Electric devices (pcs)		-	-	-	-
Port for Speed Sensor (pcs)	SD50 type	1	1	1	1
	SD300 type	0	0	0	0
Chain case compatible		✓	✓	✓	✓
Chain device compatible		-	-	-	-
Torque sensor		✓	✓	✓	✓
Crank arm position sensor		✓	-	-	-
Bike speed sensor		**✓	**✓	**✓	**✓
Cadence sensor		✓	-	-	-
Walk assist function	On/Off	-	*✓	-	-
	Standard	-	-	-	-
	Intelligent	-	***✓	-	-
	Quick	-	✓	-	-
Automatic shift	Internal geared hub 11-speed	-	-	-	-
	Internal geared hub 8-speed	✓	✓	✓	✓
	Internal geared hub 7-speed	-	-	-	-
	Internal geared hub 5-speed (INTER-5E)	✓	✓	✓	✓
	Rear derailleur	-	-	-	-
SYMPHOMATIC	Internal geared hub	✓	✓	✓	✓
	Rear derailleur	-	-	-	-
Electronic shift by drive unit control		-	✓	✓	✓
Compatible bottom bracket type		24 mm Axle Serration	Square type	Square type	Square type
Drive unit fixing bolt (pcs)		-	-	-	-
Average weight (kg)		2.81	2.38	2.38	2.38
Note		* Set by E-TUBE PROJECT ** By using SM-DUE10/SM-DUE11	* Set by E-TUBE PROJECT ** By using SM-DUE10/SM-DUE11 *** Only in combination with DI2	* Set by E-TUBE PROJECT ** By using SM-DUE10/SM-DUE11	* Set by E-TUBE PROJECT ** By using SM-DUE10/SM-DUE11

- SC
- SW
- DU**
- SMDU
- SMDU
- RT
- FC
- SMCR
- SMCD
- BT
- BM
- EWSW
- EWCP
- EC
- EWEX
- SMDU

Drive Unit Cover

Series		SHIMANO	SHIMANO	SHIMANO	SHIMANO	SHIMANO	SHIMANO
Model no.		DC-EP800-A	DC-EP800-B	DC-EP800-G	SM-DUE80-A	SM-DUE80-B	SM-DUE70-A
Color	1	Standard	Standard	Standard	Gray	Gray	Standard
	2	-	-	-	-	-	-
	3	-	-	-	-	-	-
Cover	Right	-	-	-	✓	✓	✓
	Left	✓	✓	-	✓	✓	✓
	Bottom	-	-	✓	-	-	-
Available DU angle (deg.)		0 - 60	0 - 60	0 - 60	0 - 60	0 - 60	0 - 60
Note		-	-	-	Standard cover	Mount bolt cover	-

Series		SHIMANO	SHIMANO	SHIMANO	SHIMANO	SHIMANO	SHIMANO
Model no.		SM-DUE70-B	SM-DUE70-C	SM-DUE61-T	SM-DUE61-TC	SM-DUE61-C	SM-DUE61-CC
Color	1	Standard	Standard	Standard	Standard	Black	Black
	2	-	-	-	-	-	-
	3	-	-	-	-	-	-
Cover	Right	✓	-	✓	✓	✓	✓
	Left	✓	✓	✓	✓	✓	✓
	Bottom	-	-	-	-	-	-
Available DU angle (deg.)		0 - 60	0 - 60	0 - 60	0 - 60	0 - 60	0 - 60
Note		-	-	-	-	-	-

Series		SHIMANO	SHIMANO	SHIMANO	SHIMANO	SHIMANO	SHIMANO
Model no.		SM-DUE60	SM-DUE60-45	SM-DUE60-A	SM-DUE60-45A	SM-DUE50-T	SM-DUE50-TC
Color	1	Gray	Gray	Gray	Gray	Standard	Standard
	2	Black	Black	Black	Black	-	-
	3	-	-	-	-	-	-
Cover	Right	✓	✓	✓	✓	✓	-
	Left	-	-	-	-	✓	✓
	Bottom	-	-	-	-	-	-
Available DU angle (deg.)		0	45	0	45	0 - 60	0 - 60
Note		-	-	For internal cable routing	For internal cable routing	-	-

Series		SHIMANO	SHIMANO
Model no.		SM-DUE50-C	SM-DUE50-CC
Color	1	Black	Black
	2	-	-
	3	-	-
Cover	Right	✓	-
	Left	✓	✓
	Bottom	-	-
Available DU angle (deg.)		0 - 60	0 - 60
Note		-	-

Speed Sensor Unit

Series		SHIMANO	SHIMANO	SHIMANO	SHIMANO
Model no.		EW-SS301	EW-SS300	SM-DUE11	SM-DUE10
Brake Spec	Disc	✓	✓	✓	✓
	Rim	-	✓	-	✓
Color	1	Black	Black	Standard	Standard
	2	-	-	-	-
	3	-	-	-	-
SD50 connector (pcs)		0	0	1	1
SD300 connector (pcs)		1	1	0	0
Cable length (mm)	340	-	✓	-	✓
	540	-	✓	-	✓
	760	✓	✓	✓	✓
	1400	✓	✓	-	✓
Note		w/o Magnet set	Spoke magnet set included	w/o Magnet set	Spoke magnet set included

Disc Brake Rotor

Series		SHIMANO	SHIMANO	SHIMANO	SHIMANO	
Model no.		RT-EM910	RT-EM810	RT-EM600	RT-EM300	
CENTER LOCK		✓	✓	✓	✓	
6-bolt (P.C.D. 44 mm)		-	-	-	-	
ICE TECHNOLOGIES		✓	✓	-	-	
ICE TECHNOLOGIES FREEZA		✓	✓	-	-	
Outside diameter	203 mm	✓*	✓*	✓*	✓*	
	180 mm	✓*	✓*	✓*	✓*	
	160 mm	✓*	✓*	✓*	✓*	
	140 mm	-	-	-	-	
Alloy lock ring		✓	✓	-	-	
Adapter	Material	Aluminum	Aluminum	Aluminum	Steel	
	Finish	Painted	Painted	Painted	Painted	
Rotor	Material	Stainless steel + Aluminum + Stainless steel	Stainless steel + Aluminum + Stainless steel	Stainless steel	Stainless steel	
	Finish	Polished	Polished	Polished	Polished	
Pad compatibility	Metal	✓	✓	✓	-	
	Resin	✓	✓	✓	✓	
Lock ring	Internal type	Material	Aluminum	Aluminum	Steel	-
		Finish	Anodized	Anodized	Plated	-
	External type	Material	Aluminum	Aluminum	Steel	-
		Finish	Anodized	Anodized	Plated	-
	Internal / External type	Material	-	-	-	Steel
		Finish	-	-	-	Painted
Average weight (g) (w/o lock ring)		154 (203 mm) 140 (180 mm) 113 (160 mm)	166 (203 mm) 140 (180 mm) 113 (160 mm)	-	-	
Note		* For rear only with magnet bracket Painted fin	* For rear only with magnet bracket	* For rear only with magnet bracket	* For rear only with magnet bracket	

SC

SW

DU

SMDU

SMDU

RT

FC

SMCR

SMCD

BT

BM

EWSW

EWCP

EC

EWEX

SMDU

Crankarm

Series		SHIMANO	SHIMANO DEORE XT	SHIMANO	SHIMANO DEORE XT	SHIMANO	SHIMANO
Model no.		FC-EM900	FC-M8150	FC-EM600	FC-M8050	FC-E8050	FC-E8000
Color	1	Black	Series Color	Black	Series color	Standard	Standard
	2	-	-	-	-	-	-
	3	-	-	-	-	-	-
Crankarm type	HOLLOWTECH	✓	✓	-	✓	✓	-
	Solid	-	-	✓	-	-	✓
Q factor (mm)		177 (DU-EP800)	177 (DU-EP800)	177 (DU-EP800)	177 180 *	177 180 *	177 180 *
Chain case compatible		-	-	-	✓ *	✓ *	✓ *
Crankarm length (mm)	175	✓	✓	✓	✓	✓	✓
	170	✓	✓	✓	✓	✓	✓
	165	✓	✓	✓	✓	-	✓
	160	✓	✓	✓	-	-	✓
	Others	-	-	-	-	-	-
Crankarm	Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
	Finish	Anodized	Anodized	Anodized	Anodized	Anodized	Painted
BB type		24 mm Axle Serration	24 mm Axle Serration	24 mm Axle Serration	24 mm axle serration	24 mm axle serration	24 mm axle serration
Average weight (g)		-	-	-	-	-	-
Note			-	-	* In case with DU-E6100/E6110/E6180/E7000	* In case with DU-E6100/E6110/E6180/E7000	* In case with DU-E6100/E6110/E6180/E7000

Series		SHIMANO	SHIMANO	SHIMANO	SHIMANO
Model no.		FC-E6100	FC-E6010	FC-E5000	FC-E5010
Color	1	Silver	Black	Silver	Standard
	2	Black	Gray	-	-
	3	-	-	-	-
Crankarm type	HOLLOWTECH	-	-	-	-
	Solid	✓	✓	✓	✓
Q factor (mm)		180	213	185	185
Chain case compatible		✓	✓	✓	✓
Crankarm length (mm)	175	✓	✓	✓	✓
	170	✓	✓	✓	✓
	165	-	-	✓	✓
	160	-	-	-	-
	Others	-	-	-	-
Crankarm	Material	Aluminium	Aluminum	Aluminum	Aluminum
	Finish	Anodized	Painted	Painted	Painted
BB type		24 mm axle serration	Square type	Square type	Square type
Average weight (g)		-	-	-	-
Note		-	-	-	-

Chainring Unit

Series		SHIMANO	SHIMANO	SHIMANO	SHIMANO	SHIMANO	SHIMANO
Model no.		SM-CRE80-12-B	SM-CRE80-12-SB	SM-CRE80-B	SM-CRE80-R	SM-CRE80	SM-CRE70-12-B
Color	1	Black	Black	Black	Black	Black	Black
	2	-	-	-	-	-	-
	3	-	-	-	-	-	-
Gear speed		1	1	1	1	1	1
Rear speed	12-speed	✓	✓	-	-	-	✓
	11-speed	-	-	*✓	*✓	*✓	-
	10-speed	-	-	*✓	*✓	*✓	-
	9-speed	-	-	-	-	-	-
	Single	-	-	-	-	-	-
DYNAMIC CHAIN ENGAGEMENT Plus		✓	✓	✓	-	✓ (38T, 34T)	-
Chainring teeth	47T	-	-	-	✓	-	-
	44T	-	-	-	-	✓	-
	42T	-	-	-	-	-	-
	38T	✓	-	✓	-	✓	-
	36T	✓	✓	-	-	-	✓
	34T	✓	✓	✓	-	✓	-
	Others	-	-	-	-	-	-
Chain guard type	Double	-	-	-	-	**✓	-
	Single	-	-	-	-	-	-
	w/o CG	✓	✓	✓	✓	✓	✓
Chainring fixing lock nut		Included in drive unit	Included in drive unit	Included in drive unit	Included in drive unit	Included in drive unit	Included in drive unit
Arm cover outer diameter (mm)		-	-	-	-	-	-
Chain device compatible		✓	✓	✓	SM-CDE80 (Frame mount)	✓	✓
Chain case compatible		-	-	-	-	-	-
Chain line (mm)	56.5	-	✓	-	-	-	-
	53	✓	-	✓	-	-	✓
	50	-	-	-	✓	✓	-
	48	-	-	-	-	-	-
	46.5	-	-	-	-	-	-
Belt line (mm)	43	-	-	-	-	-	-
P.C.D. (mm)		104	104	104	104	104	104
Chainring	Material	Steel	Steel	Steel	Aluminum	Steel	Steel
	Finish	Plated	Plated	Plated	Anodized	Plated	Painted
Spider arm	Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
	Finish	Anodized	Anodized	Anodized	Anodized	Anodized	Painted
Chainring fixing bolt	Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
	Finish	SP Black	SP Black	SP Black	SP Black	SP Black	SP Black
Spider/Gear arms		4	4	4	4	4	4
Average weight (g)		-	-	-	-	-	-
Note		Compatible chain CN-M9100 CN-M8100 CN-M7100	Compatible Chain CN-M9100 CN-M8100 CN-M7100 CN-M6100	* E-BIKE rear derailleur system compatible chain	Compatible Chain CN-HG901-11 CN-HG701-11 CN-HG601-11 CN-E8000-11 CN-E6090-10	* E-BIKE rear derailleur system compatible chain ** 44T only	Compatible chain CN-M9100 CN-M8100 CN-M7100

SC

SW

DU

SMDU

SMDU

RT

FC

SMCR

SMCD

BT

BM

EWSW

EWCP

EC

EWEX

SMDU

Chainring Unit

Series		SHIMANO	SHIMANO	SHIMANO	SHIMANO	SHIMANO
Model no.		SM-CRE70-12	SM-CRE70-B	SM-CRE70	SM-CRE61	SM-CRE50
Color	1	Black	Black	Black	Dark Gray	Dark Gray
	2	-	-	-	Silver (w/o CG only) *	-
	3	-	-	-	Black (w/o CG only) *	-
Gear speed		1	1	1	1	1
Rear speed	12-speed	✓	-	-	-	-
	11-speed	-	✓	✓	✓	✓
	10-speed	-	✓	✓	✓	✓
	9-speed	-	✓	✓	✓	✓
	Single	-	-	-	✓	✓
DYNAMIC CHAIN ENGAGEMENT Plus		-	-	-	-	-
Chainring teeth	47T	-	-	-	-	-
	44T	-	-	-	✓	✓
	42T	✓	-	-	-	-
	38T	-	-	✓	✓	✓
	36T	-	-	-	-	-
	34T	-	✓	-	-	-
	Others	-	-	-	-	-
Chain guard type	Double	✓	-	✓	✓	✓
	Single	-	-	-	✓	✓
	w/o CG	-	✓	✓	✓	✓
Chainring fixing lock nut		Included in drive unit	Included in drive unit	Included in drive unit	Included in drive unit	Included in drive unit
Arm cover outer diameter (mm)		-	-	-	95 (w/o CG only)	95 (w/o CG only)
Chain device compatible		-	✓	*✓	-	-
Chain case compatible		-	-	-	✓	✓
Chain line (mm)	56.5	-	-	-	-	-
	53	-	✓	-	-	-
	50	✓	-	✓	-	-
	48	-	-	-	-	-
	46.5	-	-	-	✓	✓
Belt line (mm)	43	-	-	-	-	-
P.C.D. (mm)		104	104	104	-	-
Chainring	Material	Steel	Steel	Steel	Steel	Steel
	Finish	Painted	Painted	Painted	Painted	Painted
Spider arm	Material	Aluminum	Steel	Aluminum	-	-
	Finish	Painted	Painted	Anodized	-	-
Chainring fixing bolt	Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
	Finish	SP Black	SP Black	SP Black	-	-
Spider/Gear arms		4	4	4	4	4
Average weight (g)		-	-	-	-	-
Note		Compatible chain CN-M9100 CN-M8100 CN-M7100	Compatible Chain CN-HG901-11 CN-HG701-11 CN-HG601-11 CN-E8000-11 CN-E6090-10 CN-E6070-9 CN-E6070-9	Compatible Chain CN-HG901-11 CN-HG701-11 CN-HG601-11 CN-E8000-11 CN-E6090-10 CN-E6070-9 * w/o CG, w/o back plate	* Color of arm cover	-

Chain Device

Series		SHIMANO	SHIMANO	SHIMANO
Model no.		CD-EM800	SM-CDE80	SM-CDE70
Color	1	Standard	Standard	Standard
	2	-	-	-
	3	-	-	-
Chain line (mm)	56.5	✓	-	-
	53	✓	✓ (w/ Plate type) ✓ (w/o Plate type)	✓
	50	-	- (w/ Plate type) ✓ (w/o Plate type)	-
Chain compatibility	12-Speed	✓	✓	✓
	11-Speed	✓	✓	✓
	10-Speed	-	✓	✓
	9-speed	-	-	✓
Top Gear Teeth	38T	*✓	✓	✓
	36T	✓	✓	✓
	34T	✓	✓	✓
Assumed Rear Sprocket Teeth	11-36T	-	✓	✓
	11-40T	-	✓	✓
	11-42T	-	✓	✓
	11-46T	-	✓	✓
	10-45T	✓	✓	✓
	10-51T	✓	✓	✓
	Others	-	-	-
Direct Mount to Drive Unit		✓	✓ (w/ Plate type) - (w/o Plate type)	✓
Compatible Drive Unit		DU-EP800 DU-E8000 DU-E8080 DU-E7000	DU-EP800 DU-E8000 DU-E8080 DU-E7000	DU-EP800 DU-E8000 DU-E8080 DU-E7000
Rear suspension stroke (mm)		0 - 170	0 - 170	0 - 170
Back plate	Material	Aluminum	Aluminum (w/ Plate type) - (w/o Plate type)	Steel
	Finish	Anodized	Anodized (w/ Plate type) - (w/o Plate type)	Painted
Chain guide	Material	Resin	Resin	Resin
	Finish	-	-	-
Note		w/ plate *w/ SM-CRE80-B 53.0mm Chain line	w/ Plate, w/o Plate type are available	w/ plate

SC

SW

DU

SMDU

SMDU

RT

FC

SMCR

SMCD

BT

BM

EWSW

EWCP

EC

EWEX

SMDU

Battery

Series		SHIMANO	SHIMANO	SHIMANO	SHIMANO	SHIMANO	SHIMANO
Model no.		BT-E8010	BT-E8014	BT-E8016	BT-E8020	BT-E8035	BT-E8035-L
Color	1	Black	Standard	Standard	Black	Standard	Standard
	2	-	-	-	-	-	-
	3	-	-	-	-	-	-
Chemistry		Li-Ion	Li-Ion	Li-Ion	Li-Ion	Li-Ion	Li-Ion
Position		Down tube	Down tube	External	Integrated	Integrated	Integrated
Rated voltage (V)		36	36	36	36	36	36
Rated capacity (Ah)		** 14	** 11.6	** 17.5	14	*** 14	*** 14
Rated capacity (Wh)		504	418	630	504	504	504
Cyclelife span for charge (times)		1,000 (more than 60%)	1,000 (more than 60%)	1,000 (more than 60%)	1,000 (more than 60%)	1,000 (more than 60%)	1,000 (more than 60%)
Time to charge (hour)	SOC = 100%	* 5	* 4	* 6	* 5	* 5	* 5
	SOC = 80%	* 2.5	* 2	* 3	* 2.5	* 2.5	* 2.5
	SOC = 50%	* 2	* 1.5	* 2.5	* 2	* 2	* 2
Charge level display		✓	✓	✓	✓	✓	✓
Error signal		✓	✓	✓	✓	✓	✓
Charging port		✓	✓	✓	✓	** -	** -
Tail light/Reflector integration		-	-	-	-	-	-
System on/off switch		✓	✓	✓	✓	✓	✓
Compatible battery mount		BM-E8016	BM-E8016	BM-E8016	BM-E8020	BM-E8030-A BM-E8030-B BM-E8031-A BM-E8031-B	BM-E8030-A BM-E8030-B BM-E8031-A BM-E8031-B
Compatible charger		EC-E6000 EC-E6000-3 (for Japan) EC-E6002 EC-E8004	EC-E6000 EC-E6000-3 (for Japan) EC-E6002 EC-E8004	EC-E6000 EC-E6000-3 (for Japan) EC-E6002 EC-E8004	EC-E6000 EC-E6002 EC-E8004	EC-E6000 EC-E6000-3 (for Japan) EC-E6002 EC-E8004	EC-E6000 EC-E6000-3 (for Japan) EC-E6002 EC-E8004
Compatible adaptor for charge		-	-	-	-	SM-BTE80	SM-BTE80
Average weight (kg)		2.6	2.55	3.5	3.05	2.9	3.15
Note		* By EC-E6000 EC-E6000-3 for Japan BT-E8010 for Japan (13 Ah, 468 Wh)	* By EC-E6000 EC-E6000-3 for Japan ** BT-E8014 for Japan (10.9 Ah, 393 Wh)	* By EC-E6000 EC-E6000-3 for Japan ** BT-E8016 for Japan (16.2 Ah, 583 Wh)	* By EC-E6000	* By EC-E6000 EC-E6000-3 for Japan ** with SM-BTE80 or EV-CP100 *** BT-E8035 for Japan (13 Ah, 468 Wh)	* By EC-E6000 EC-E6000-3 for Japan ** with SM-BTE80 or EV-CP100 *** BT-E8035-L for Japan (13 Ah, 468 Wh)

Battery

Series		SHIMANO	SHIMANO	SHIMANO	SHIMANO
Model no.		BT-E8036	BT-E6000	BT-E6001	BT-E6010
Color	1	Standard	Black	Black	Black
	2	-	Gray	Gray	Gray
	3	-	-	-	-
Chemistry		Li-Ion	Li-Ion	Li-Ion	Li-Ion
Position		Integrated	Rear carrier	Rear carrier	Down tube
Rated voltage (V)		36	36	36	36
Rated capacity (Ah)		*** 17.5	11.6	14	** 11.6
Rated capacity (Wh)		630	418	504	418
Cyclelife span for charge (times)		1,000 (more than 60%)	1,000 (more than 60%)	1,000 (more than 60%)	1,000 (more than 60%)
Time to charge (hour)	SOC = 100%	* 6	* 4	* 5	* 4
	SOC = 80%	* 3	* 2	* 2.5	* 2
	SOC = 50%	* 2.5	* 1.5	* 2	* 1.5
Charge level display		✓	✓	✓	✓
Error signal		✓	✓	✓	✓
Charging port		** -	-	-	-
Tail light/Reflector integration		-	-	-	-
System on/off switch		✓	✓	✓	✓
Compatible battery mount		BM-E8030-A BM-E8030-B BM-E8031-A BM-E8031-B	BM-E6000	BM-E6000	BM-E6010
Compatible charger		EC-E6000 EC-E6000-3 (for Japan) EC-E6002 EC-E8004	EC-E6000 EC-E6002 EC-E8004	EC-E6000 EC-E6002 EC-E8004	EC-E6000 EC-E6000-3 (for Japan) EC-E6002 EC-E8004
Compatible adaptor for charge		SM-BTE80	SM-BTE60	SM-BTE60	SM-BTE60
Average weight (kg)		3.7	2.58	2.65	2.65
Note		* By EC-E6000 EC-E6000-3 for Japan ** with SM-BTE80 or EW-CP100 *** BT-E8036 for Japan (16.2 Ah, 583 Wh)	* By EC-E6000	* By EC-E6000	* By EC-E6000 EC-E6000-3 for Japan ** BT-E6010 for Japan (10.9 Ah, 393 Wh, Black only)

- SC
- SW
- DU
- SMDU
- SMDU
- RT
- FC
- SMCR
- SMCD
- BT
- BM
- EWSW
- EWCP
- EC
- EWEX
- SMDU

Battery Mount

Series		SHIMANO	SHIMANO	SHIMANO	SHIMANO	SHIMANO	SHIMANO
Model no.		BM-E8016	BM-E8020	BM-E8030-A	BM-E8030-B	BM-E8031-A	BM-E8031-B
Color	1	Black	Black	Standard	Standard	Standard	Standard
	2	-	-	-	-	-	-
	3	-	-	-	-	-	-
Position		Down tube/ Seat tube	Integrated	Integrated	Integrated	Integrated	Integrated
Charging port		-	-	-	-	-	-
Lock system		✓	-	-	-	-	-
Key hole		-	✓	✓	✓	-	-
Connect to EW-CP100		-	-	✓	-	✓	-
System on/off switch		-	-	-	-	-	-
Power cable		✓	✓	✓	✓	✓	✓
Power cable length (mm)	250	✓	✓	✓	✓	✓	✓
	300	✓	-	-	-	-	-
	400	-	✓	✓	✓	✓	✓
	600	✓	-	-	-	-	-
	900	-	-	-	-	-	-
	920	-	-	-	-	-	-
	1,000	-	-	-	-	-	-
Cable length to EW-CP100 (mm)		-	-	200	-	200	-
Compatible battery		BT-E8010 BT-E8014 BT-E8016	BT-E8020	BT-E8035 BT-E8035-L BT-E8036	BT-E8035 BT-E8035-L BT-E8036	BT-E8035 BT-E8035-L BT-E8036	BT-E8035 BT-E8035-L BT-E8036
Compatible tool		TL-BME02	TL-BME03	TL-BME04 (for BT-E8035) TL-BME05 (for BT-E8035-L/BT-E8036)	TL-BME04 (for BT-E8035) TL-BME05 (for BT-E8035-L/BT-E8036)	TL-BME04 (for BT-E8035) TL-BME05 (for BT-E8035-L/BT-E8036)	TL-BME04 (for BT-E8035) TL-BME05 (for BT-E8035-L/BT-E8036)
Average weight (kg)		-	-	* 0.31 (Power cable: 250 mm) * 0.32 (Power cable: 400 mm)	* 0.29 (Power cable: 250 mm) * 0.30 (Power cable: 400 mm)	0.33 (Power cable: 250 mm) 0.34 (Power cable: 400 mm)	0.31 (Power cable: 250 mm) 0.32 (Power cable: 400 mm)
Note		-	-	* Without key unit	* Without key unit	-	-

Series		SHIMANO	SHIMANO	SHIMANO
Model no.		BM-E6000-A	BM-E6000-B	BM-E6010
Color	1	Black	Black	Black
	2	Gray	Gray	-
	3	-	-	-
Position		Rear carrier	Rear carrier	Down tube
Charging port		* ✓	* ✓	* ✓
Lock system		-	-	-
Key hole		✓	✓	✓
Connect to EW-CP100		-	-	-
System on/off switch		-	-	-
Power cable		✓	✓	✓
Power cable length (mm)	250	-	-	✓
	300	-	-	✓
	400	-	-	-
	600	-	-	✓
	900	-	-	-
	920	✓	✓	-
	1,000	-	-	-
Cable length to EW-CP100 (mm)		-	-	-
Compatible battery		BT-E6000 BT-E6001	BT-E6000 BT-E6001	BT-E6010
Compatible tool		-	-	TL-BME01
Average weight (kg)		-	-	-
Note		* By EC-E6000	* By EC-E6000	* By EC-E6000

Satellite System ON/OFF Switch

Series	SHIMANO	SHIMANO
Model no.	EW-SW300	EW-SW100
Position	Integrated	Integrated
Master unit	-	-
Switch QTY (pcs)	1	1
SD50 port (pcs)	0	0
SD300 port (pcs)	0	0
SD50 connector (pcs)	0	1
SD300 connector (pcs)	1	0
Firmware update by E-TUBE PROJECT	✓	✓
Cable length (mm)	1,100	1100
Average weight (g)	23	25
Note		

Satellite Charging Port

Series	SHIMANO
Model no.	EW-CP100
Position	Integrated
Compatible battery	BT-E8035 BT-E8036
Compatible battery mount	BM-E8030-A BM-E8031-A
Compatible battery charger	EC-E6000 EC-E6002 EC-E8004
Firmware update by E-TUBE PROJECT	-
Cable length to BM-E803* (mm)	200 550
Average weight (g)	
Note	

SC

SW

DU

SMDU

SMDU

RT

FC

SMCR

SMCD

BT

BM

EW SW

EWCP

EC

EWEX

SMDU

Battery Charger

Series		SHIMANO	SHIMANO	SHIMANO	SHIMANO	SHIMANO	SHIMANO
Model no.		EC-E8004-1	EC-E8004-2	EC-E8004-3	EC-E8004-4	EC-E8004-6	EC-E8004-7
Color	1	Standard	Standard	Standard	Standard	Standard	Standard
	2	-	-	-	-	-	-
	3	-	-	-	-	-	-
Plug type		Type C	Type A	Type A	Type O	Type BF	Type C
Typical example country/Region		Europe	USA, Canada	Japan	Australia, New Zealand	UK	Korea
Compatible battery		BT-E6000 BT-E6001 BT-E6010 BT-E8010 BT-E8014 BT-E8016 BT-E8020 BT-E8035 BT-E8035-L BT-E8036	BT-E6000 BT-E6001 BT-E6010 BT-E8010 BT-E8014 BT-E8016 BT-E8020 BT-E8035 BT-E8035-L BT-E8036	BT-E6010 BT-E8010 BT-E8016 BT-E8014 BT-E8016 BT-E8020 BT-E8035 BT-E8036	BT-E6000 BT-E6001 BT-E6010 BT-E8010 BT-E8014 BT-E8016 BT-E8020 BT-E8035 BT-E8035-L BT-E8036	BT-E6000 BT-E6001 BT-E6010 BT-E8010 BT-E8014 BT-E8016 BT-E8020 BT-E8035 BT-E8035-L BT-E8036	BT-E6000 BT-E6001 BT-E6010 BT-E8010 BT-E8014 BT-E8016 BT-E8020 BT-E8035 BT-E8035-L BT-E8036
Compatible voltage		100 V - 240 V AC, 50 - 60 Hz	USA, Canada: 120 V AC, 50 - 60 Hz Others: 100 - 240 V AC, 50 - 60 Hz	100 V AC, 50 - 60 Hz	100 V - 240 V AC, 50 - 60 Hz	100 V - 240 V AC, 50 - 60 Hz	100 V - 240 V AC, 50 - 60 Hz
Output		42 V DC, 4 - 4.6 A	42 V DC, 4 A	42 V DC, 4 - 4.6 A	42 V DC, 4 - 4.6 A	42 V DC, 4 - 4.6 A	42 V DC, 4 - 4.6 A
CE standard		✓	-	-	-	✓	-
UL standard		-	✓	-	-	-	-
Korea standard		-	-	-	-	-	✓
Japan standard		-	-	✓	-	-	-
Charging time for 630 Wh (583 Wh in Japan) battery	Full charge (hour)	4.8 (* 5.7)	5.7	5.7	4.8 (* 5.7)	4.8 (* 5.7)	4.8 (* 5.7)
	80% charge (hour)	3.2 (* 4)	4	4	3.2 (* 4)	3.2 (* 4)	3.2 (* 4)
Charging time for 504 Wh (464 Wh in Japan) battery	Full charge (hour)	4 (* 4.5)	4.5	4.5	4 (* 4.5)	4 (* 4.5)	4 (* 4.5)
	80% charge (hour)	2.5 (* 3.2)	3.2	3.2	2.5 (* 3.2)	2.5 (* 3.2)	2.5 (* 3.2)
Charging time for 418 Wh (393 Wh in Japan) battery	Full charge (hour)	3.0 (* 3.5)	3.5	3.5	3.0 (* 3.5)	3.0 (* 3.5)	3.0 (* 3.5)
	80% charge (hour)	2.0 (* 2.5)	2.5	2.5	2.0 (* 2.5)	2.0 (* 2.5)	2.0 (* 2.5)
Charging Level Display		-	-	-	-	-	-
Plug in charging type		✓	✓	✓	✓	✓	✓
Charging temperature		0 - 40 °C	0 - 40 °C	0 - 40 °C	0 - 40 °C	0 - 40 °C	0 - 40 °C
Storage temperature		-20 - 60 °C	-20 - 60 °C	-20 - 60 °C	-20 - 60 °C	-20 - 60 °C	-20 - 60 °C
Error signal		✓	✓	✓	✓	✓	✓
Adapter for battery connector		** -	* -	* -	** -	** -	** -
Compatible AC power cable		-	-	-	-	-	-
Built in AC cable		✓	✓	✓	✓	✓	✓
Built in AC cable length (m)		2	2	1	1	1	1
Average weight (g)							
Note		* In case of 100 V AC ** Check latest line-up chart	* Check latest line-up chart	* Check latest line-up chart	* In case of 100 V AC ** Check latest line-up chart	* In case of 100 V AC ** Check latest line-up chart	* In case of 100 V AC ** Check latest line-up chart

Battery Charger

Series		SHIMANO	SHIMANO	SHIMANO	SHIMANO	SHIMANO	SHIMANO
Model no.		EC-E8004-12	EC-E6000-1	EC-E6000-2	EC-E6000-3	EC-E6000-4	EC-E6000-6
Color	1	Standard	Standard	Standard	Standard	Standard	Standard
	2	-	-	-	-	-	-
	3	-	-	-	-	-	-
Plug type		Type C	Type C	Type A	Type A	Type O	Type BF
Typical example country/Region		Brazil	Europe	USA, Canada	Japan	Australia, New Zealand	UK
Compatible battery		BT-E6000 BT-E6001 BT-E6010 BT-E8010 BT-E8014 BT-E8016 BT-E8020 BT-E8035 BT-E8035-L BT-E8036	BT-E6000 BT-E6001 BT-E6010 BT-E8010 BT-E8014 BT-E8016 BT-E8020 BT-E8035 BT-E8035-L BT-E8036	BT-E6000 BT-E6001 BT-E6010 BT-E8010 BT-E8014 BT-E8016 BT-E8020 BT-E8035 BT-E8035-L BT-E8036	BT-E6010 BT-E8010 BT-E8016 BT-E8014 BT-E8016 BT-E8020 BT-E8035-L BT-E8036	BT-E6000 BT-E6001 BT-E6010 BT-E8010 BT-E8014 BT-E8016 BT-E8020 BT-E8035 BT-E8035-L BT-E8036	BT-E6000 BT-E6001 BT-E6010 BT-E8010 BT-E8014 BT-E8016 BT-E8020 BT-E8035 BT-E8035-L BT-E8036
Compatible voltage		100 V - 240 V AC, 50 - 60 Hz	100 V - 240 V AC, 50 - 60 Hz	100 V - 240 V AC, 50 - 60 Hz	100 V AC, 50 - 60 Hz	100 V - 240 V AC, 50 - 60 Hz	100 V - 240 V AC, 50 - 60 Hz
Output		42 V DC, 4 - 4.6 A	40 V DC, 4.4 A 42 V DC, 4.0 A	40 V DC, 4.4 A 42 V DC, 4.0 A	40 V DC, 4.4 A 42 V DC, 4.0 A	40 V DC, 4.4 A 42 V DC, 4.0 A	40 V DC, 4.4 A 42 V DC, 4.0 A
CE standard		-	✓	-	-	-	✓
UL standard		-	-	✓	-	-	-
Korea standard		-	-	-	-	-	-
Japan standard		-	-	-	✓	-	-
Charging time for 630 Wh (583 Wh in Japan) battery	Full charge (hour)	4.8 (* 5.7)	5.5	5.5	5.5	5.5	5.5
	80% charge (hour)	3.2 (* 4)	3.2	3.2	3.2	3.2	3.2
Charging time for 504 Wh (464 Wh in Japan) battery	Full charge (hour)	4 (* 4.5)	5	5	5	5	5
	80% charge (hour)	2.5 (* 3.2)	2.5	2.5	2.5	2.5	2.5
Charging time for 418 Wh (393 Wh in Japan) battery	Full charge (hour)	3.0 (* 3.5)	4	4	4	4	4
	80% charge (hour)	2.0 (* 2.5)	2	2	2	2	2
Charging Level Display		-	-	-	-	-	-
Plug in charging type		✓	✓	✓	✓	✓	✓
Charging temperature		0 - 40 °C	0 - 40 °C	0 - 40 °C	0 - 40 °C	0 - 40 °C	0 - 40 °C
Storage temperature		-20 - 60 °C	-20 - 60 °C	-20 - 60 °C	-20 - 60 °C	-20 - 60 °C	-20 - 60 °C
Error signal		✓	✓	✓	✓	✓	✓
Adapter for battery connector		** -	* -	* -	* -	* -	* -
Compatible AC power cable		-	-	-	-	-	-
Built in AC cable		✓	✓	✓	✓	✓	✓
Built in AC cable length (m)		1	2	2	1	1	1
Average weight (g)			930	985	-	955	960
Note		* In case of 100 V AC ** Check latest line-up chart	* Check latest line-up chart	* Check latest line-up chart	* Check latest line-up chart	* Check latest line-up chart	* Check latest line-up chart

SC

SW

DU

SMDU

SMDU

RT

FC

SMCR

SMCD

BT

BM

EWSW

EWCP

EC

EWEX

SMDU

Battery Charger

Series		SHIMANO	SHIMANO	SHIMANO	SHIMANO	SHIMANO
Model no.		EC-E6000-7	EC-E6000-9	EC-E6000-10	EC-E6000-12	EC-E6002
Color	1	Standard	Standard	Standard	Standard	Standard
	2	-	-	-	-	-
	3	-	-	-	-	-
Plug type		Type C	Type B3L	Type O	Type C	-
Typical example country/Region		Korea	South-Africa	Argentina	Brazil	Worldwide
Compatible battery		BT-E6000 BT-E6001 BT-E6010 BT-E8010 BT-E8014 BT-E8016 BT-E8020 BT-E8035 BT-E8035-L BT-E8036	BT-E6000 BT-E6001 BT-E6010 BT-E8010 BT-E8014 BT-E8016 BT-E8020 BT-E8035 BT-E8035-L BT-E8036	BT-E6000 BT-E6001 BT-E6010 BT-E8010 BT-E8014 BT-E8016 BT-E8020 BT-E8035 BT-E8035-L BT-E8036	BT-E6000 BT-E6001 BT-E6010 BT-E8010 BT-E8014 BT-E8016 BT-E8020 BT-E8035 BT-E8035-L BT-E8036	BT-E6000 BT-E6001 BT-E6010 BT-E8010 BT-E8014 BT-E8016 BT-E8020 BT-E8035 BT-E8035-L BT-E8036
Compatible voltage		100 V - 240 V AC, 50 - 60 Hz	100 V - 240 V AC, 50 - 60 Hz	100 V - 240 V AC, 50 - 60 Hz	100 V - 240 V AC, 50 - 60 Hz	100 V - 240 V AC, 50 - 60 Hz
Output		40 V DC, 4.4 A 42 V DC, 4.0 A	40 V DC, 4.4 A 42 V DC, 4.0 A	40 V DC, 4.4 A 42 V DC, 4.0 A	40 V DC, 4.4 A 42 V DC, 4.0 A	42 V DC, 1.8 A
CE standard		-	-	-	-	✓
UL standard		-	-	-	-	✓
Korea standard		✓	-	-	-	✓
Japan standard		-	-	-	-	✓
Charging time for 630 Wh (583 Wh in Japan) battery	Full charge (hour)	5.5	5.5	5.5	5.5	10.2
	80% charge (hour)	3.2	3.2	3.2	3.2	7.5
Charging time for 504 Wh (464 Wh in Japan) battery	Full charge (hour)	5	5	5	5	7.5
	80% charge (hour)	2.5	2.5	2.5	2.5	4
Charging time for 418 Wh (393 Wh in Japan) battery	Full charge (hour)	4	4	4	4	6.5
	80% charge (hour)	2	2	2	2	3.5
Charging Level Display		-	-	-	-	-
Plug in charging type		✓	✓	✓	✓	✓
Charging temperature		0 - 40 °C	0 - 40 °C	0 - 40 °C	0 - 40 °C	0 - 40 °C
Storage temperature		-20 - 60 °C	-20 - 60 °C	-20 - 60 °C	-20 - 60 °C	-20 - 60 °C
Error signal		✓	✓	✓	✓	✓
Adapter for battery connector		* -	* -	* -	* -	* -
Compatible AC power cable		-	-	-	-	SM-BCC1
Built in AC cable		✓	✓	✓	✓	-
Built in AC cable length (m)		1	1	1	1	-
Average weight (g)		930	-	950	950	523
Note		* Check latest line-up chart	* Check latest line-up chart	* Check latest line-up chart	* Check latest line-up chart	* Check latest line-up chart

DI2 Adapter

Series	SHIMANO
Model no.	EW-EX010
Type of DI2 component	Master unit
SD50 port (pcs)	2
SD300 port (pcs)	0
SD50 connector (pcs)	0
SD300 connector (pcs)	0
Compatible EW	EW-SD50
Note	DI2 adapter B (for BOSCH ebike system)

Chain Case Fixing Bolt

Series	SHIMANO
Model no.	SM-DUE61-FB
Color	Black
Size	M4 x 8 low head
Quantity (pcs) / 1 package	120
Note	Available for DU-E6100/DU-E6110/DU-E6180

SC

SW

DU

SMDU

SMDU

RT

FC

SMCR

SMCD

BT

BM

EW SW

EWCP

EC

EWEX

SMDU

SHIMANO