





	48v 10Ah	48v 15Ah	48v 20Ah	48v 15Ah	48v 9Ah	48v 11,6Ah
Shape						
Technology	LI-ION Lithium Manganèse Oxyde	LI-ION Lithium Manganèse Oxyde	LI-ION Lithium Manganèse Oxyde	LI-ION Lithium Manganèse Oxyde	LI-ION Lithium Manganèse Oxyde	LI-ION Lithium Nickel Manganèse Cobalt Oxyde
Dimensions* (LxIxh)	18,5 x 16 x 7,5 cm	27 x 15 x 7,5 cm	26,5 x 17,5 x 8,5 cm	39 x 15 x 8cm	33,5 x 12,8 x 8,8 cm	28,75 x 8,1 cm (l'une)
Weight*	3,70kg	5,50kg	6,25kg	5,75kg	3,60kg	4,25kg
Cycle of charge/discharge	800 cycles	800 cycles	800 cycles	800 cycles	800 cycles	600 cycles
Duration of the charge	3h30	5h00	5h00	5h00	4h30	8h00
Price VAT	459 €	599 €	879 €	739 €	529 €	849 €
Autonomy	25 à 75km	35 à 115km	40 à 160km	35 à 115km	20 à 70km	26 à 89km
Extra information						
Total energy stored	480Wh	720Wh	960Wh	720Wh	432Wh	556Wh
Cost of the Wh	0,96€/Wh	0,83€/Wh	0,92€/Wh	1,03€/Wh	1,22€/Wh	1,53€/Wh
Minimum tension	39V	39V	39V	39V	39V	40,4V
Maximum tension	54,6	54,6V	54,6V	54,6V	54,6V	58,4V
Energetic density	130Wh/kg	131Wh/kg	154Wh/kg	125Wh/kg	120Wh/kg	131Wh/kg
Number of cells by series	13S	13S	13S	13S	13S	14S
Max continuous discharge	17A	17A	20A	17A	20A	13A
Max peak discharge	30A	30A	30A	30A	30A	15A
Charger supplied with the battery						
Amperage charger	3A	3A	3A	3A	2A	1,5A
Connexions	Anderson	Anderson	Anderson	RCA	XLR	RCA
Charger tension	54,6V	54,6V	54,6V	54,6V	54,6V	29,4V (2 chargeurs)
Weight charger	880g	880g	880g	880g	512g	420g
Dimension charger	17 x 9 x 5cm	17 x 9 x 5cm	17 x 9 x 5cm	17 x 9 x 5cm	17 x 7 x 4cm	17 x 9 x 5cm

Tests realized on flat roads in the following conditions :

(1) Speed of 20 to 45km/h (6,2Wh/km to 20,9Wh/km) , total weight of the vehicle 115kg, moderate pedalling assistance (80w)



	36v 10Ah	36v 15Ah	36v 15Ah	36v 11,6Ah
Shape				
Technology	LI-ION Lithium Manganèse Oxyde	LI-ION Lithium Manganèse Oxyde	LI-ION Lithium Manganèse Oxyde	LI-ION Lithium Nickel Manganèse Cobalt Oxyde
Dimensions* (Lxlxh)	18 x 7,5 x 13,5cm	24,5 x 7,5 x 13,5 cm	36,5 x 14,8 x 7,5cm	32,5 x 9 cm
Weight*	2,80kg	4,20kg	4,90kg	2,90kg
Cycle of charge/discharge	800 cycles	800 cycles	800 cycles	600 cycles
Duration of the charge	4h00	6h00	5h00	8h30
Price VAT	399 €	469 €	599 €	499 €
Autonomy with a little kit	40 à 60km	60 à 85km	60 à 85km	45 à 70km
Autonomy with a powerful kit	25 à 60km	37 à 85km	37 à 85km	30 à 70km
Extra information				
Total energy stored	360Wh	540Wh	540Wh	418Wh
Cost of the Wh	1,11€/Wh	0,87€/Wh	1,11€/Wh	1,19€/Wh
Minimum tension	32V	32V	29V	29V
Maximum tension	42V	42V	42,5V	42,5V
Energetic density	129Wh/kg	129Wh/kg	110Wh/kg	144Wh/kg
Number of cells by series	10S	10S	10S	10S
Max continuous discharge	17A	17A	20A	15A
Max peak discharge	30A	30A	30A	18A
Charger supplied with the battery				
Amperage charger	3A	3A	3A	1,5A
Connexions	Anderson	Anderson	RCA	RCA
Charger tension	42V	42V	42V	42,5V
Weight charger	880g	880g	880g	420g
Dimension charger	17 x 9 x 5cm	17 x 9 x 5cm	17 x 9 x 5cm	11 x 6 x 3cm

Tests realized on flat roads in the following conditions :

(2) speed of 20 to 25km/h (6,2Wh/km to 8,9Wh/km), total weight of the vehicle 115kg, moderate pedalling assistance (80w)

(3) speed of 20 to 35km/h (6,2Wh/km to 14,5Wh/km), total weight of the vehicle 115kg, moderate pedalling assistance (80w)

Tableau comparatif des batteries 24v

	24v 10Ah	24v 11,6Ah
Shape		
Technology	LI-ION Lihtium Manganèse Oxyde	LI-ION Lihtium Nickel Manganèse Cobalt Oxyde
Dimensions* (Lxlxh)	18 x 9,5 x 7,5 cm	28,75 x 8,1 cm
Weight*	2,00kg	2,13kg
Cycle of charge/discharge	800 cycles	600 cycles
Duration of the charge	4h00	8h00
Price VAT	279 €	449 €
Autonomy with a little kit	25 à 40km	31 à 45km
Extra information		
Total energy stored	240Wh	276Wh
Cost of the Wh	1,16€/Wh	1,63€/Wh
Minimum tension	21,6V	20,2V
Maximum tension	29,2V	29,4V
Energetic density	120Wh/kg	130Wh/kg
Number of cells by series	8S	7S
Max continuous discharge	17A	13A
Max peak discharge	30A	15A
Charger supplied with the battery		
Amperage charger	3A	1,5A
Connexions	Anderson	RCA
Charger tension	29,2V	29,4V
Weight charger	880g	420g
Dimension charger	17 x 9 x 5cm	11 x 6 x 3cm

Tests realized on flat roads in the following conditions :

(4) Speed of 20 to 25km/h (6,2Wh/km to 8,9Wh/km), total weight of the vehicle 115kg, moderate pedalling assistance (80w)

* Cycloboost has the right to change at any time the characteristics (weight and/or size) of the batteries