

micromax

revolutionary energy solutions

energy

Find Right

Lithium-ion Battery

For your applications



Street Lights



E-Rikshaw



Solar Vehicles



Solar Lighting

Features

- ✓ Fast charge battery pack @ 0.5C.
- ✓ Very long life minimum 2000 cycles.
- ✓ Very safe operation due to sophisticated BMS
- ✓ Excellent performance in temperate conditions.
- ✓ Compact size & light weight gives higher efficiency.
- ✓ No memory effect and environment friendly.

microlyte

Nominal Capacity	60Ah	
Nominal Voltage	48V	
Battery Pack	Voltage Range	37.5V~54.75V
	Battery Pack Type	48V/60Ah Lithium iron phosphate power battery
	Maximum continuous charge current	0.3C~19 A
	Maximum continuous discharge current	0.3C~19A
Mechanical Properties	Battery Pack Dimensions	W550*L250*H250mm max.
	Weight	35 kg.
Safety	Ingress protection level	Ip65
	Anti-Vibration Performance	Meet international standards.
External Port	Charge and discharge with different port, port model customer specified	
BMS	Inbuilt battery optimization system	

MEL Model	Nominal Capacity	Nominal Voltage	Dimension		Charge Limitation Voltage	Discharge End Voltage	Standard Charge Current	Weight Approx.
	mAh	V	Diameter (mm)	Height (mm)	V	V	mAh	g
NMC TYPE								
IMENL14500600	600	3.7	14	50	4.2	2.75	300	23
MENL14500650	650	3.7	14	50	4.2	2.75	325	23
MENL14500700	700	3.7	14	50	4.2	2.75	350	24
MENL18500800	800	3.7	18	50	4.2	2.75	400	32
MENL18500900	900	3.7	18	50	4.2	2.75	450	32
MENL18501000	1000	3.7	18	50	4.2	2.75	500	33
MENL18501100	1100	3.7	18	50	4.2	2.75	550	33
MENL18651100	1100	3.7	18	65	4.2	2.75	550	42
MENL18651200	1200	3.7	18	65	4.2	2.75	600	43
MENL18651300	1300	3.7	18	65	4.2	2.75	650	44
MENL18651400	1400	3.7	18	65	4.2	2.75	700	44
MENL18651500	1500	3.7	18	65	4.2	2.75	750	45
MENL18651800	1800	3.7	18	65	4.2	2.75	900	46
MENL18652000	2000	3.7	18	65	4.2	2.75	1000	47
MENL18652200	2200	3.7	18	65	4.2	2.75	1100	48
MENL18652600	2600	3.7	18	65	4.2	2.75	1300	50
MENL18655000	5000	3.7	26	65	4.2	2.75	2500	108
LiFePO4 Type								
MEFL14430400	400	3.2	14	43	3.65	2.3	400	16
MEFL14500400	400	3.2	14	50	3.65	2.3	400	20
MEFL14500500	500	3.2	14	50	3.65	2.3	500	21
MEFL14500600	600	3.2	14	50	3.65	2.3	600	21
MEFL18500600	600	3.2	18	50	3.65	2.3	600	35
MEFL18500700	700	3.2	18	50	3.65	2.3	700	36
MEFL18500800	800	3.2	18	50	3.65	2.3	800	37
MEFL18501000	1000	3.2	18	50	3.65	2.3	1000	39
MEFL18651100	1100	3.2	18	65	3.65	2.3	1100	40
MEFL18651200	1200	3.2	18	65	3.65	2.3	1200	41
MEFL18651300	1300	3.2	18	65	3.65	2.3	1300	42
MEFL18651400	1400	3.2	18	65	3.65	2.3	1400	42
MEFL18651500	1500	3.2	18	65	3.65	2.3	1500	43
MEFL22652000	2000	3.2	22	65	3.65	2.3	2000	45
MEFL26652000	2000	3.2	26	65	3.65	2.3	2000	45
MEFL26652500	2500	3.2	26	65	3.65	2.3	2500	90
MEFL26652800	2800	3.2	26	65	3.65	2.3	2800	92
MEFL26653000	3000	3.2	26	65	3.65	2.3	3000	93
MEFL32655000	5000	3.2	32	65	3.65	2.3	5000	145