


# MKC LFP1218

<b>Product Image</b> 	<b>Physical Specifications</b>	
	Width	77 ± 2 mm
	Depth	181 ± 2 mm
	Height	170 ± 2 mm
	Weight	2.9 Kg
	Container	ABS+PC
	Terminal	M5

<b>Technical Specifications</b>			
Nominal Voltage	12.8 V	Recommended Charge Current	9 A
Nominal Capacity	18 AH @ 0.2C	Max. Charge Current	18 A
Energy	230.4 Wh	Max. Continuous Discharge Current	18 A
Internal Resistance (AC)	50 mΩ	Peak Discharge Current	36 A (3S)
Cycle Life	2500+ Cycles @ 1C 100% DOD	BMS Discharge Cut-off Voltage	10 V
Monthly Self Discharge	Less than 2%	Charge Temperature	0~45 °C
Efficiency of Charge	100% @ 0.5 C	Discharge Temperature	-20°C to 60 °C
Efficiency of Discharge	96~99% @1 C	Storage Temperature	-20°C to 60 °C
Charge Voltage	14.6 ± 0.2 V	IP Class	IP65
Charge Model	0.2C to 14.6 V , then 14.6 V , charge current to 0.02C	Maximum Modules in Series/parallels	4S or 4P

## Performance Characteristics

