



# TELL WAY ENERGY GROUP LIMITED

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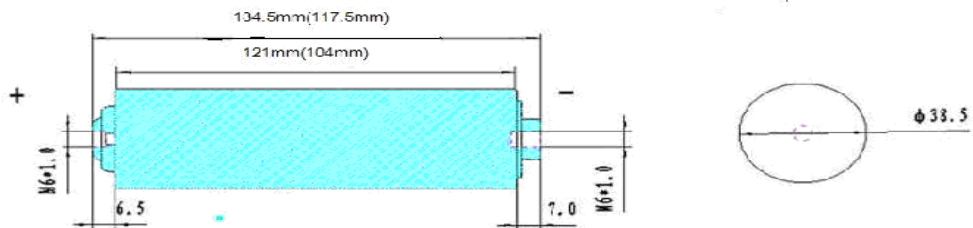
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## LiFePO4 38120S Technical Specifications

Type	38120S	38120P	38105	38105P
Nominal capacity	10Ah	8Ah	8AH	6AH
Charging Voltage	3.65V	3.65V	3.65V	3.65V
Typical Voltage	3.2V	3.2V	3.2V	3.2V
Cut-off Discharge Voltage	2.0V	2.0V	2.0V	2.0V
Charging Method	CC/CV	CC/CV	CC/CV	CC/CV
Maximum Discharge Current (continuable)	150A	200A	120A	150A
Maximum Charge Current (continuable)	60A	80A	40A	60A
Cycle Life	1500cycles 1C 100%DOD; 2000cycles 1C 80%DOD			
Operation Temperature	Charge -10°C—45°C; Discharge -20°C--65°C			
Storage Temperature	-20°C--45°C			
Energy Density	105Wh/Kg	83 Wh/Kg	102Wh/Kg	82Wh/Kg
Power Density	850W/Kg	1200 W/Kg	830W/Kg	1200W/Kg
Internal Impedance	<6mΩ	<4mΩ	<6mΩ	<4mΩ



38120S 10AH 1C Charge and Discharge Curve

