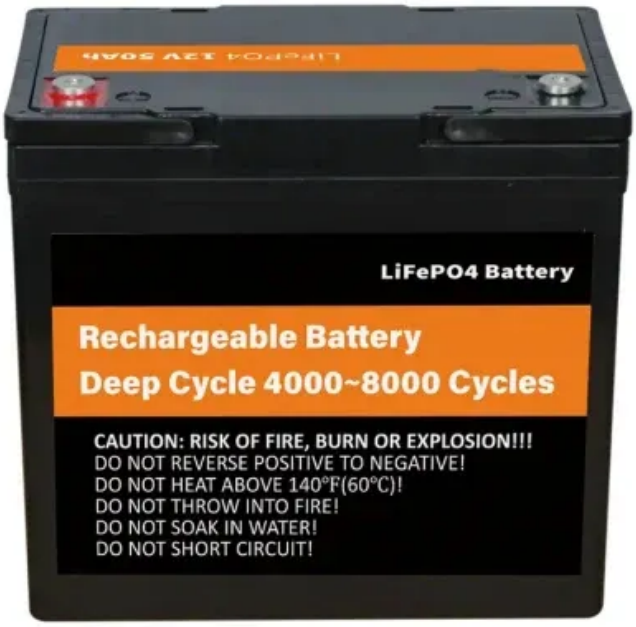
SolarInnovate Energy Solutions

# Dw01 multi-cell lithium battery pack



## Overview

What is the dw01 plus battery protection IC?

DW01 Plus One Cell Lithium-ion/Polymer Battery Protection IC General The DW01 Plus battery protection IC is designed to protect lithium-ion/polymer battery from damage or degrading the lifetime due to overcharge, overdischarge, and/or overcurrent for one-cell lithium-ion/polymer battery powered systems, such as cellular phones.

How many volts does a dw01 plus have?

Ultra-Low Quiescent Current 3A (Vcc=3.9V). Ultra-Low Power-Down Current 0.1A (Vcc=2.0V). Precision Overcharge Protection Voltage ± 50mV for the DW01 Plus Load Detection Function during Overcharge Mode. Two Detection Levels for Overcurrent Protection. Delay times are generated by internal circuits. No external capacitors required.

Does dw01a have a protection circuit?

Note: DW01A contains a circuit that will protect it from static discharge; but please take special care that no excessive static electricity or voltage which exceeds the limit of the protection circuit will be applied to it. 1. Overcharge Condition.

How does dw01-p work?

ge (VODR) through charging.Overcurrent ProtectionIn normal mode, the DW01-P continuously monitors the ischarge current by sensing the voltage of CS pin. If the voltage of CS pin exceeds the overcurrent protection voltage (VOIP) beyond the overcurrent delay time (TOI1) period, the overcurrent protection circuit operates and discharging is inh.

What is the dw01-p overcurrent detection level?

nce between BATT+ and BATT- is larger than 500kΩ. The DW01-P provides two overcurrent detection levels (0.15V and 1.35V) with two overcurrent delay

time (TOI1 and TOI2) ection level.Charge Detection after OverdischargeWhen overdischarge occurs, the discharge con

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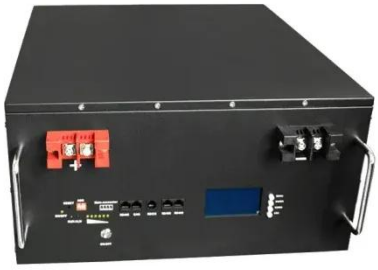

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