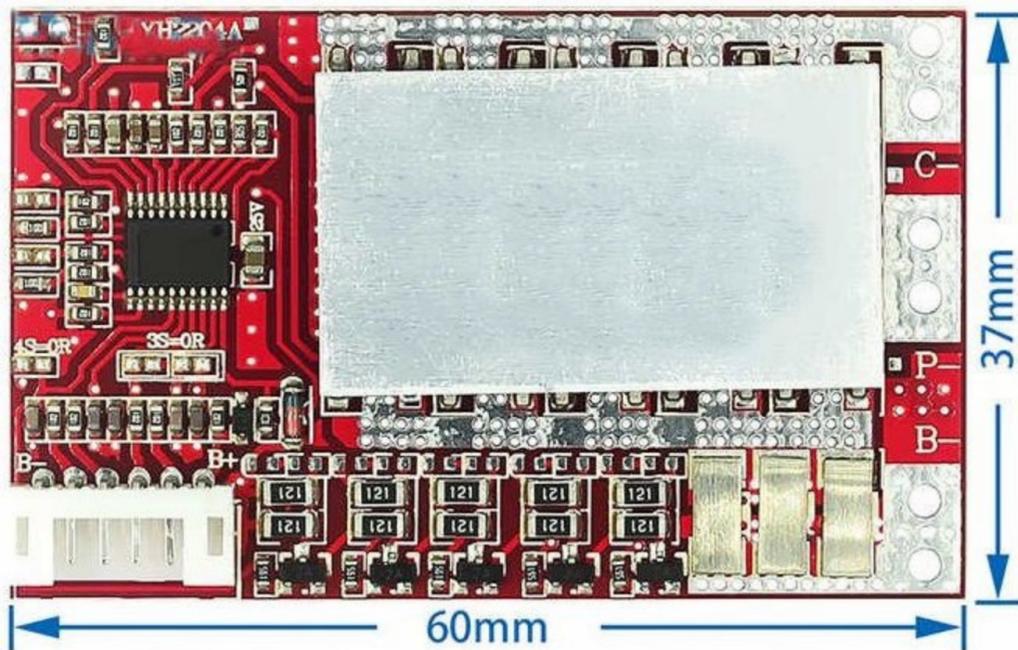


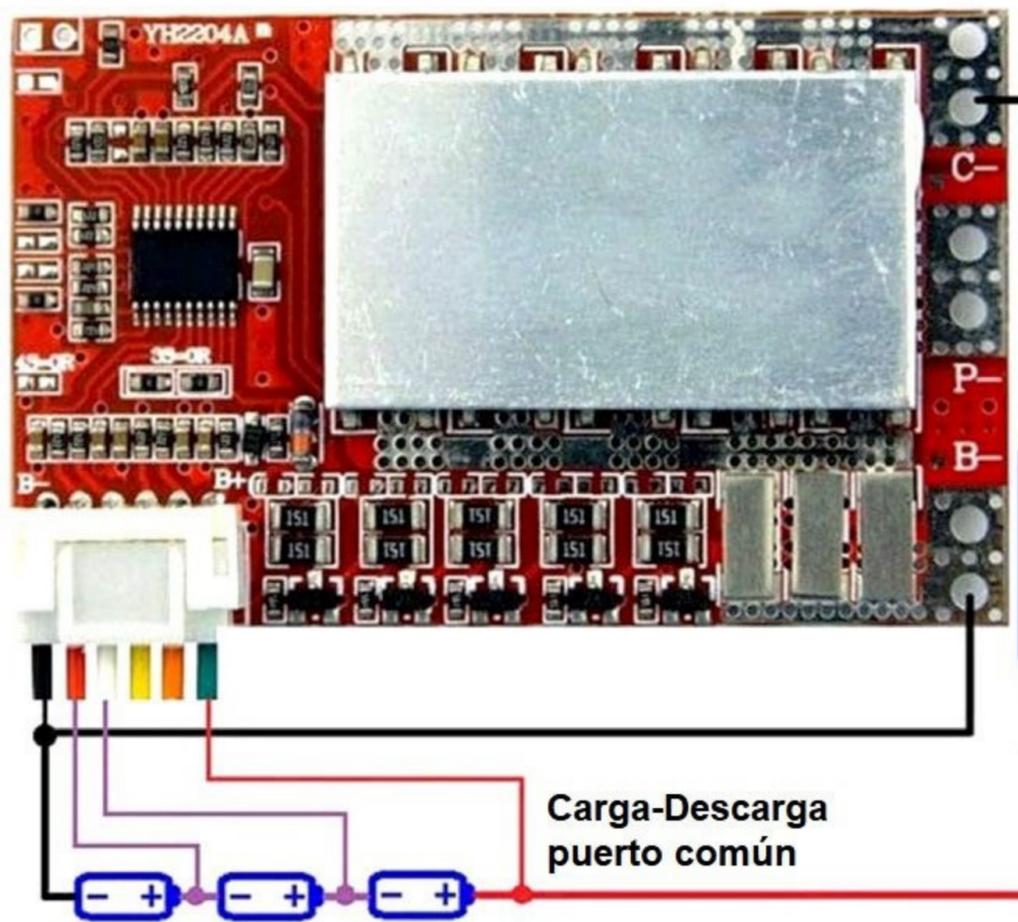
3S 4S 5S 50A

3.6/3.7v

BMS de protección con Balance de Celdas

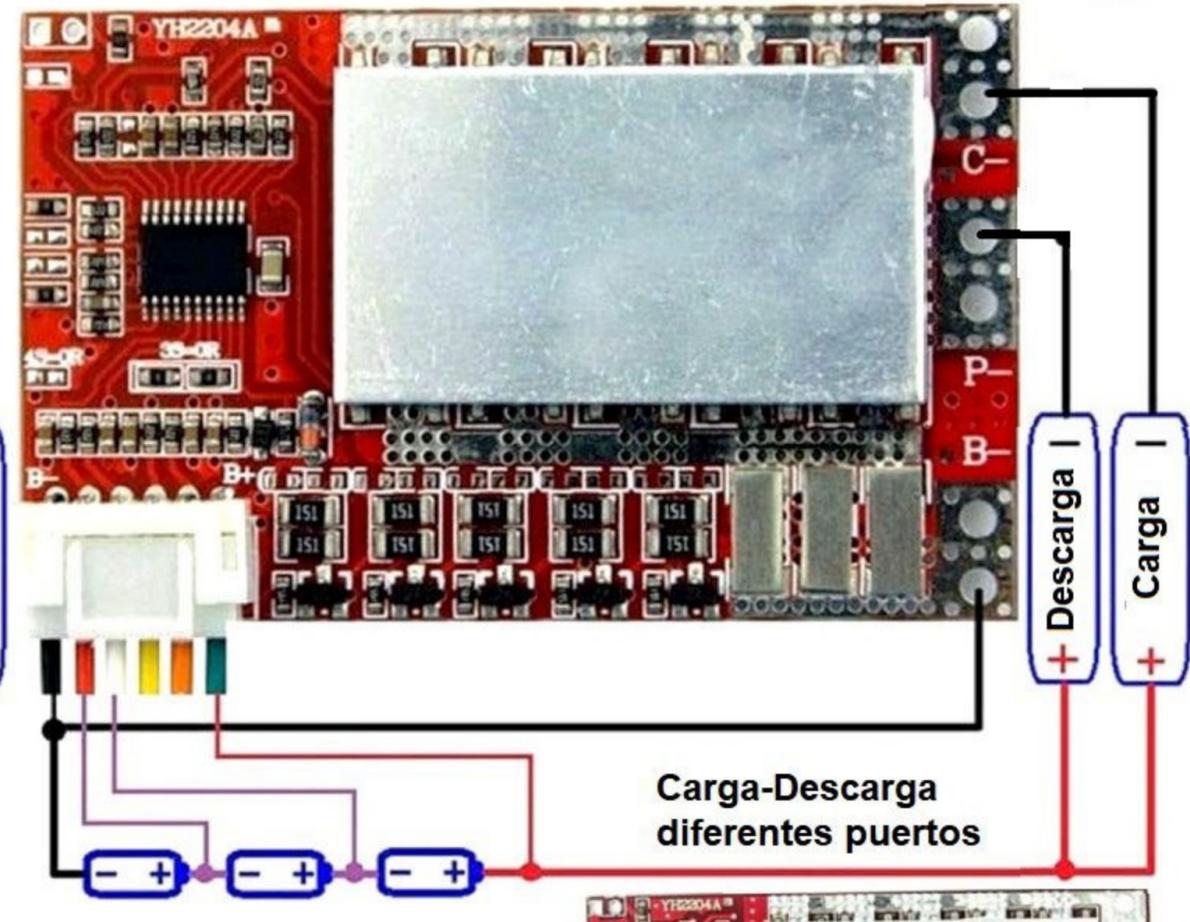


Conector JST XH de 6 pines



Descarga I
Carga I

Carga-Descarga puerto común



Descarga I
Carga I

Carga-Descarga diferentes puertos

Detección de protección de temperatura NTC de 10K Conectar el NTC aquí

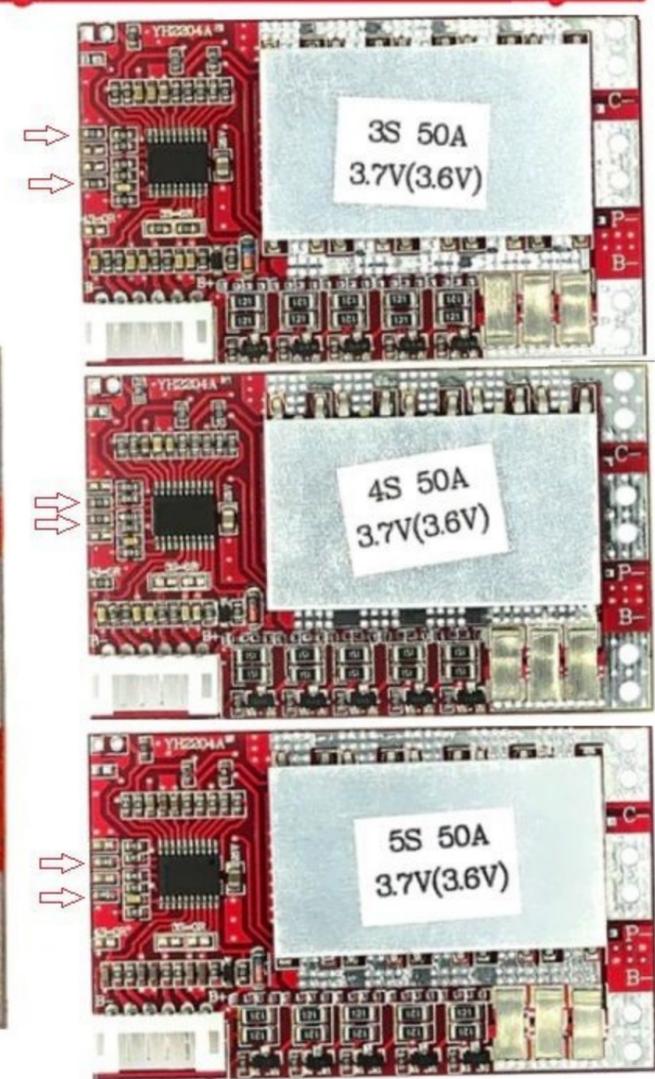
Para habilitar EL NTC, quitar esta resistencia de 10k

Puentado este jumper ampliamos la protección de sobre corriente hasta 10 ciclos para reducir las falsas protecciones de carga

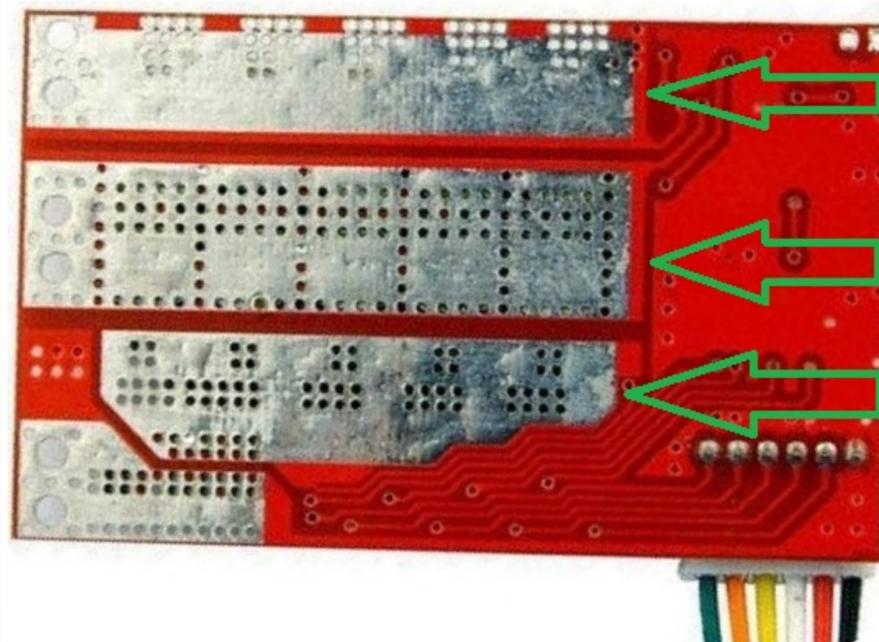
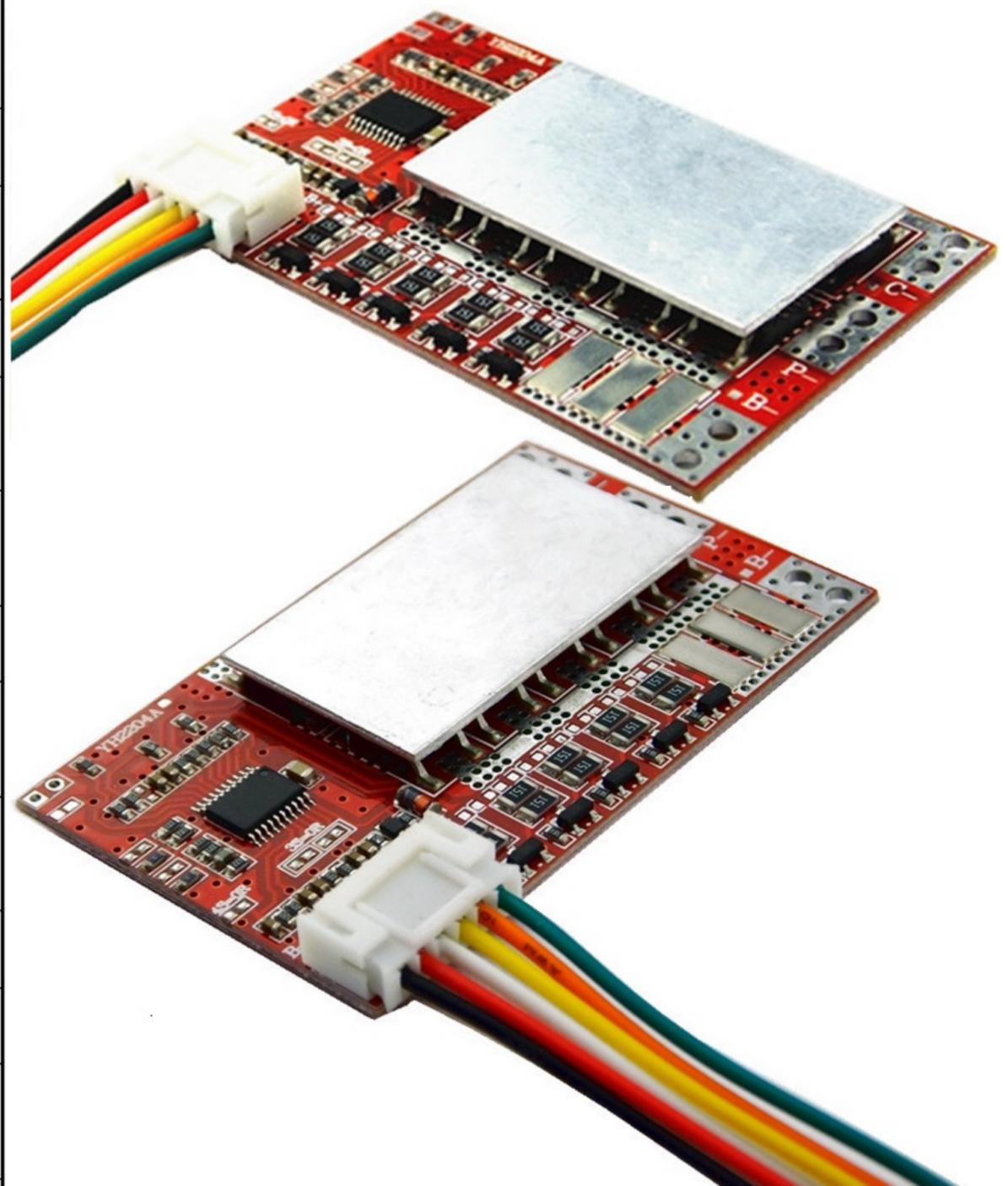
Jumper de configuración para 3S; 4S o 5S

Puentear para 4S

Puentear para 3S



Protection item	Protective Parameters of Polymer/Ternary Lithium Manganate Batteries
Single Overcharge Protection Voltage	4.25V $\pm 0.025V$
Single section overcharge relief voltage	4.15V $\pm 0.05V$
Overcharge protection delay	1S $\pm 200mS$
Single Section Over-Amplification Protection Voltage	2.7V $\pm 0.05V$
Single-section Over-discharge Release Voltage	3.0V $\pm 0.1V$
Over-discharge protection delay	1S $\pm 200mS$
Discharge Overcurrent Protection	70A
Delay of discharge overcurrent protection	100mS $\pm 50mS$
Short circuit protection	Yes
Short circuit protection delay	250uS $\pm 50uS$
Short circuit protection recovery mode	Disconnecting Load and Recovering Output Voltage
discharge current	50A (Over 20A, please stack the tin-plated part of PCB or add copper wire to increase overflow)
Charging current	50A (Over 20A, please stack the tin-plated part of PCB or add copper wire to increase overflow)
Equilibrium function	Yes
Equilibrium Open Voltage	4.18V $\pm 0.025V$
Balanced current	55mA
Broken line protection	Yes
Temperature protection	With (valid for external 10K Euro NTC resistance)
Charging cryogenic protection	-7°
Charging High Temperature Protection	50°
Discharge High Temperature Protection	70°
Module size	60*37*6mm



Zona a reforzar si se supera los 20A