

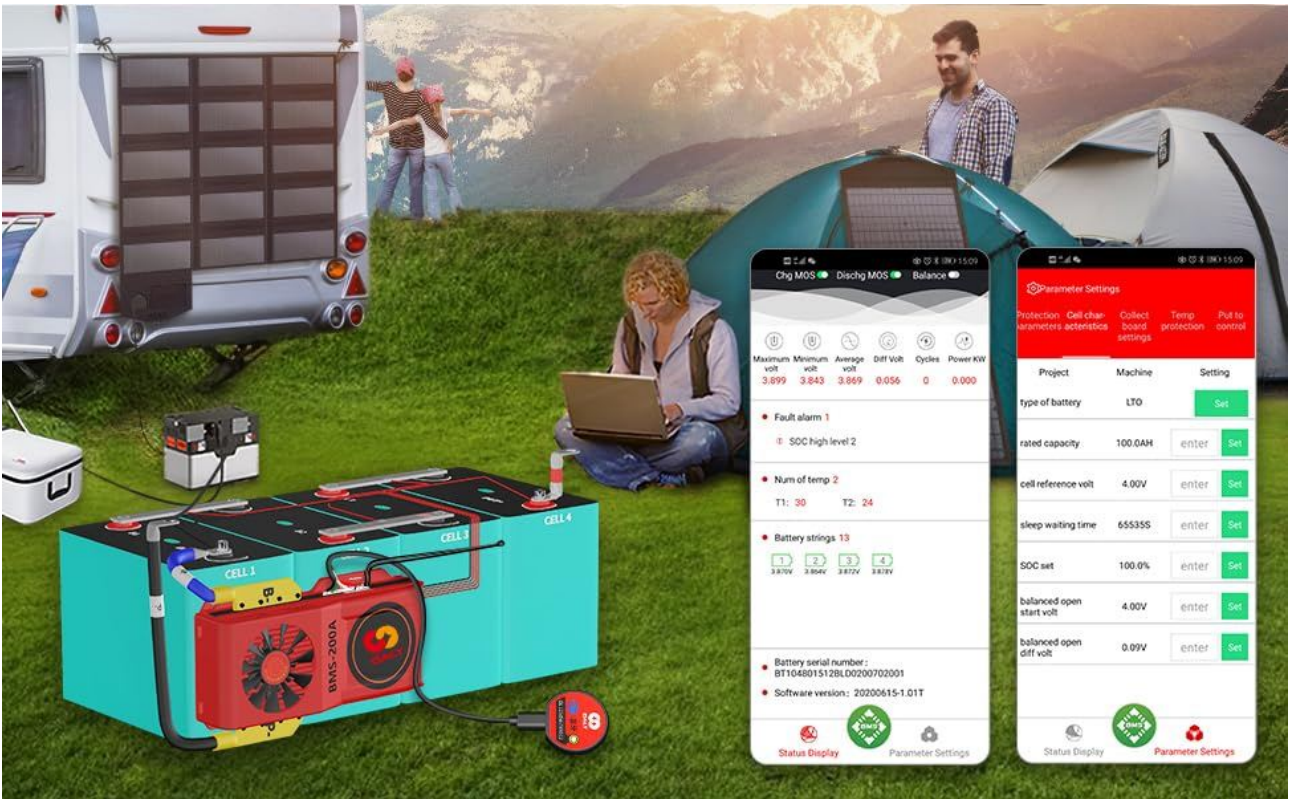
Product Parameters

Lifepo4 8S (BMS)

Description	Description	Specification														Unit
		20A	30A	40A	50A	60A	80A	100A	120A	150A	200A	250A	300A	400A	500A	
Discharge	Continue discharge current	20A	30A	40A	50A	60A	80A	100A	120A	150A	200A	250A	300A	400A	500A	A
	Over discharge current detect	60±10	100±20	160±30	160±30	220±40	360±50	360±50	260±50	260±50	500±100	500±100	500±100	1000±200	1000±200	A
Inner Resistance	Main Circuit Conduct Inner resistance	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	mΩ
Charge	Charge voltage	LifePO4: S*3.65 Li-ion: S*4.2 LTO: S*2.8														V
	Charge current	10	15	20	25	30	40	50	60	75	100	125	150	200	250	A
	Over Charge current detect delay	25±3	40±5	60±10	60±10	80±10	140±20	140±20	100±20	100±20	200±30	200±30	200±30	400±100	400±100	A
Over charge protection	Over charge detect voltage	3.65±0.05														V
	over charge protection delay	1														S
	over charge release voltage	3.55±0.05														V
Balance	Balance detect Voltage	3.525														V
	Balance release voltage	3.525														V
	Balance current	30±5														mA
Over discharge protection	Over discharge detect	2.3±0.05														V
	Over discharge detect delay	1														S
	Over discharge release voltage	2.7±0.05														V
Over Charge current protection	Over discharge current detect delay	1														S
	Over discharge current protection	Off load														
Short Circuit protection	Short Circuit protection condition	Short circuit of external load														
	Short circuit detect delay	200-500							The actual results are based on the DALY test sent back by the customer.							uS
	Short circuit protection release	Off load														
Temp Protect	Temperature protection degrees	Charge : -20-55, Discharge: -40-75														°C
Self Consumption	Working current	100-200														uA
	Sleeping current(over-discharge)	0														uA
Working Temp	Temp range	-20-60														°C
Storing Temp	Temp range	-40-85														°C

Lifepo4 8S (Smart BMS)

Description	Description	Specification													Unit
		30A	40A	50A	60A	80A	100A	120A	150A	200A	250A	300A	400A	500A	
Discharge	Continue discharge current	30	40	50	60	80	100	120	150	200	250	300	400	500	A
	Over discharge current detect voltage	45	60	75	90	120	150	180	225	300	375	450	600	750	A
Inner Resistance	Main Circuit Conduct Inner resistance	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	mΩ
Charge	Charge voltage	LifePO4: S*3.65 Li-ion: S*4.2 LTO: S*2.8													V
	Charge current	15	20	25	30	40	50	60	75	100	125	150	200	250	A
	Over Charge current detect delay	45	60	75	90	120	150	180	225	300	375	450	600	750	A
Over charge protection	Over charge detect voltage	3.75±0.05													V
	over charge protection delay	1													S
	over charge release voltage	3.55±0.05													V
Balance	Balance detect Voltage	3.2													V
	Balance release voltage	3.2													V
	Balance current	30±5													mA
Over discharge protection	Over discharge detect	2.2±0.05													V
	Over discharge detect delay	1													S
	Over discharge release voltage	2.3±0.05													V
Over Charge current protection	Over discharge current detect delay	1													S
	Over discharge current protection	Off load													
Short Circuit protection	Short Circuit protection condition	Short circuit of external load													
	Short circuit detect delay	200~500													uS
	Short circuit protection release	Off load													
Temp Protect	Temperature protection degrees	Charge: -40~65, Discharge: -40~70													°C
Self Consumption	Working current	35													mA
	Sleeping current(over-discharge)	800													uA
Working Temp	Temp range	-20~60													°C
Storing Temp	Temp range	-40~85													°C



DALY BMS CONNECTING DIAGRAM

You will know more with picture

DALY BMS WIRE DIAGRAM FOR COMMON PORT



WIRE: SAFE AND RELIABLE

Strong flame retardancy, good flexibility
good for wiring at various angles

