

wattalps®

Battery Module



Width	200 mm
Length	335 mm
Height	90 mm

General characteristics	Data
Battery pack voltage	From 48 to 800 V
Voltage and temperature monitoring	yes
Protection rating	IP67 / IP69K / IPXXB
Module position	all X, Y, Z orientation are possible
Max module number per Master BMS	128
Standards	R100 rev2 / R10 / ISO26262 IEC62619 / UN38.3
Integrated coolant circulation	yes
Integrated cell venting circuit	yes
Casing	Aluminum
Recycling and second life	yes

HIGH ENERGY	Module characteristics	Performances
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Total energy (C/5)	1 800 Wh
Cycle life (@25°C / SLOW charging, SOH 80%)	2 000
Cycle life (@25°C / FAST charging, SOH 80%)	400
Discharging power @ 25°C (cont. / peak 2s)	4 / 6,7 kW
Charging power @ 25°C (normal / fast)	0,5 / 1 kW

LONG LIFE	Module characteristics	Performances
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Total energy (C/5)	1 500 Wh
Cycle life (@25°C / SLOW charging, SOH 80%)	3 000+
Cycle life (@25°C / FAST charging, SOH 80%)	2 000
Discharging power @ 25°C (cont. / peak 2s)	2 / 6 kW
Charging power @ 25°C (normal / fast)	0,5 / 1,4 kW

POWER	Module characteristics	Performances
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Total energy (C/5)	1 600 Wh
Cycle life (@25°C / Slow charging, SOH 80%)	Depending on duty cycle
Discharging power @ 25°C (cont. / peak 2s)	5 / 8 kW
Charging power @ 25°C (normal / fast)	2 kW