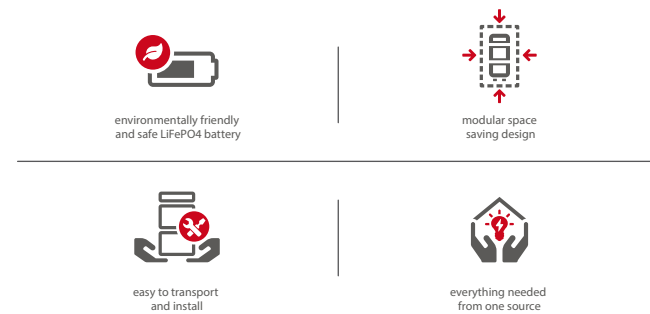




POWER BATTERY

5.0 | 7.5 | 10.0 | 12.5 | 15.0

MODULAR HIGH VOLTAGE OUTDOOR BATTERY FOR PV STORAGE SYSTEMS



HIGH EFFICIENCY

- LiFePO₄ technology
- 25 A charge & discharge capability
- High voltage, high efficiency, low stress operation
- Modern and space-saving design

EASY INSTALLATION

- Modular concept and simple wiring for easy transport and installation
- Lightweight components
- Master battery management system
- Plug & play

MONITORING VIA APP

- Powerful RCT RESS App
- Full data visualization
- Monitoring from every location
- Configuration options
- One click update

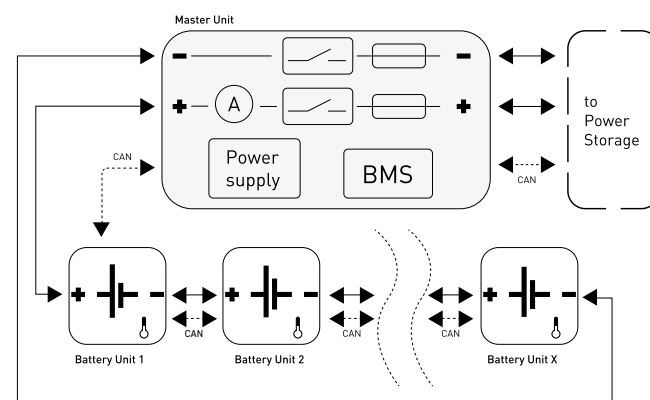
FLEXIBLE AND UPGRADEABLE

- 2 - 6 battery stacks
- Usable capacity scalable in increments of 2.25 kWh
- Upgradeable
- Suitable for back-up systems

SUSTAINABLE

- Lithium-iron-phosphate cell chemistry
- 10 years time value guarantee
- IP65: Suitable for outdoor installation

BLOCK DIAGRAM



POWER BATTERY	5.0	7.5	10.0	12.5	15.0
ELECTRICAL PARAMETERS					
Nominal capacity	5 kWh	7.5 kWh	10 kWh	12.5 kWh	15 kWh
Usable capacity (90% DoD)	4.5 kWh	6.75 kWh	9 kWh	11.25 kWh	13.5 kWh
Cycle Life	6000				
Voltage range	145 V...166 V	218 V ... 248 V	291 V ... 331 V	364 V ... 414 V	436 V ... 497 V
Nominal voltage	154 V	230 V	307 V	384 V	461 V
Maximum charge / discharge current	25 A / 25 A	25 A / 25 A	25 A / 25 A	25 A / 25 A	25 A / 25 A
Standby consumption	< 5 W				
INTERFACES					
Power Storage interface	CAN				
GENERAL					
Battery technology	LiFePO ₄				
Dimensions (height x width x depth)	1.96'x1.13'x1.13'	2.72'x1.13'x1.13'	3.47'x1.13'x1.13'	4.23'x1.13'x1.13'	4.98'x1.13'x1.13'
Weight (single module 55.5 lb)	124.3 lb	179.9 lb	235.5 lb	291.0 lb	346.6 lb
Number of battery units	2	3	4	5	6
IP degree of protection	IP65				
Type of installation	floor stand / indoor / outdoor				
Operating temperature range	-0.4 °F ~ 131 °F				
Connector type	Quick Contact MC4 - Evo 2				
SAFETY / STANDARDS					
Safety class	I				
Certificates	UN 38-3, UL1973, UL60730-1, UL9540A				
EMC	FCC Part 15B, ICES-003				
Safety	UL1973, UL60730-1, UL9540A				
WARRANTY					
Warranty	10 years				

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