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Lithium Energy Storage System

United Arab Emirates





- Fast Charge
- Cost Effective
- EV charger ready
- 100% DoD
- Active Equalizer
- Cluster BMU
- Inbuilt DC contactor

Cluster interconnections

Remote controlled Self upgrade,

High Speed Data

Self Detection Wi-Fi net

UN 38.3 Safety Passed

End Life Recycling Program

Dimensions	mm	510x550x150
Weight	kg	52
Case material	Type	Steel
Parallel Units	N°	5
Stackable	Type	Yes
Digital Output	N°	2

Nominal Voltage	Vdc	51.2
Max Voltage	Vdc	58.7
Low Voltage	Vdc	44.5
Rated Capacity	Ah	105
Rated Energy	kWh	5.3
Charge /Disch.	A	100A 200A

Cell Type	ID	LiFePO4
Cells Distribution	P/S	16S
BMS charge Temp.	°C	-10°C +55°C
BMS Disch. Temp.	°C	-25°C +65°C
Storage Time/Temp.	°C	-20°C +45°C 4months
Self Disch Time/Temp.	%	3% month @25°C

DOD 65%	Cycles	14.000
DOD 70%	Cycles	12.200
DOD 80%	Cycles	10.500
DOD 90%	Cycles	9.400
DOD 95%	Cycles	8.900
DOD 100%	Cycles	7.800

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