

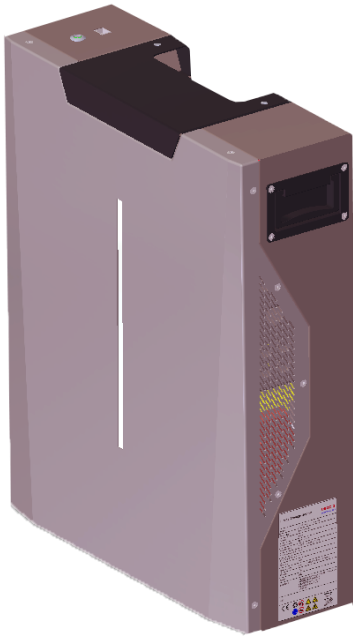
**WECO**  
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**ESS - 5K3-R20**





Lithium Energy Storage System  
United Arab Emirates

## WALL & STACKABLE



-  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