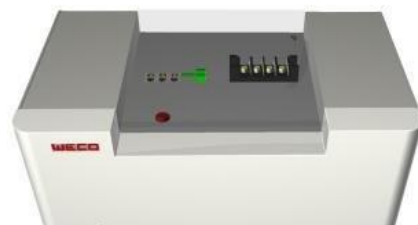


WECO LOW VOLTAGE 12K8 LV



BasicParameters	12K8
Chemistry	LiFe PO4
Battery System Capacity [kWh]	12.8
Single Module Nominal Voltage [V]	51.2
Application	Low Voltage [Parallel]
Modules Expandibility	15 inparallel [without DC Combiner]
Cluster Gross Capacity [kWh]	15x12.8 192kWh
Voltage Operating Range [V]	45,5-57.8
Capacity [Ah]	250
Depth of Discharge	Up to 90%
Usable Capacity [Ah]	230 [DoD 90%]
Dimension [mm]	W570xH910xD322
Weight [Kg]	100
Charge/Discharge Current [A]	230
Over-Current Step01 [A]	250 (60sec)
Communication Port	RS485,CAN,232,(Optional: Wi-Fi Device)
Discharge Temperature [°C]*	-20-55
Charge Temperature [°C]*	-7-55
Shelf Temperature [°C]	-10-50
Relative Humidity	5% - 95%
Altitude [m]	<3000 [Max 4000 with de-rating]
Expecetd Life @ STC [25 °C]	>4000Cycles -Residual Capacity 65%
Standards	IEC 61000/CE/UN38.3
Other Features	Pre-Charge, Fuse, and AutoContactor; 3Levelsof Protection; Real Time Balancing; Adaptive Charge/Discharge CAN Logic; 3 Steps Adaptive Charging Logic; 2x programmable DI/DO; Mobile APP for Remote Monitoring/Control/Update/Debug/Data Save.



SINGLE MODULE

12K8