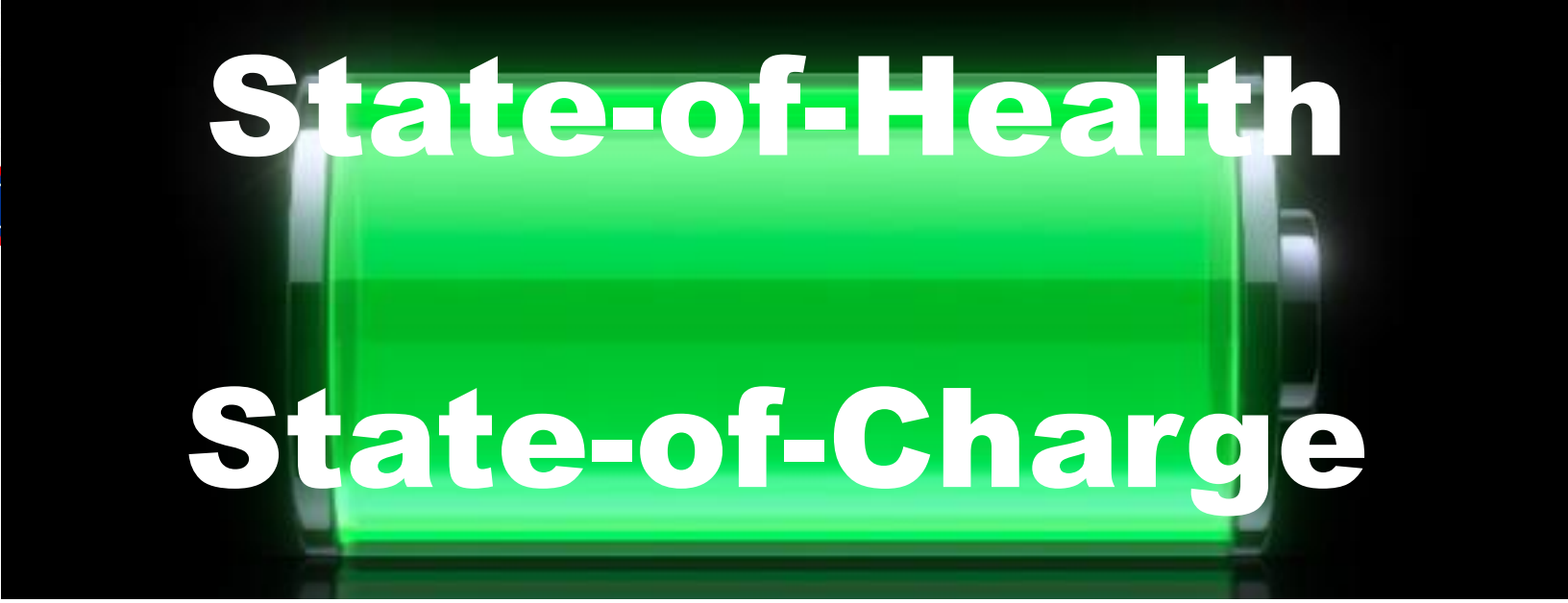

Low SOC Disconnect

80-Series Equalizer with MBBM®

80-Series Equalizer is a 24VDC to 12VDC equalizer with features of proprietary MBBM® (Model Based Battery Monitoring) algorithm to determine the SOH (State-of-Health and SOC (State-of-Charge) of a vehicle's auxiliary batteries. The Low SOC Disconnect option can send a discrete signal to open a bi-stable contactor if the SOC lowers to a chosen value. It then isolates the starter batteries for a future sure start. SOH and SOC values are communicated via SAE J1939 CAN protocols

Vanner 80-Series Equalizer with MBBM® (sensors shown)

VANNER®
Experience Power... Experience Vanner.

Specifications

80-Series CAN Equalizers			
Model Number	80-60CAN	80-80CAN	80-100CAN
Input Voltage 24v	18 to 32 v		
Efficiency (Peak)	>97%	>97%	>97%
Max 24v Input Amps	32	43	53
Output Voltage	(Input Voltage/2) ±2%		
Output Amps (12v)	0-60	0-80	0-100
Standby Current	20 milliamps nominal at 28.4V		
Smart Monitor	Alarm Low/High Voltage, Imbalance, Undervoltage protect override, Vann-Guard fault Battery Monitoring		
Operating Temp.	-40°C to +75°C (-40°F to 167°F)		
Storage Temp.	-54°C to +95°C (-65°F to 203°F)		
Serviceable	Yes	Yes	Yes
Environmental Considerations	Cast aluminum enclosure provides protection against salt, fungus, dust, water, fuel vapors and all fluids associated with commercial and off-highway vehicle operations. IP rated 56.		
Mounting Location	Mount on a flat surface close to the batteries to allow short cable runs. Location should be protected from battery acid and gases.		
Weights	8.7 lbs.	8.9 lbs.	9.3 lbs.

80-Series CAN Dimensional Specifications