

END IDLING IN YOUR FLEET

ENGINES CAN'T POLLUTE AT **ZERORPM**[®]
IDLE MITIGATION SYSTEMS[®]

AC040N24-12K

The AC040N24-12K is a *Lithium-Iron powered A/C unit. This unit is utilized to provide operators with engine-off A/C. Not only does this product offer improved comfort, but it reduces the need to run the vehicle's engine to power the A/C system. This translates to reduced operating cost for your fleet and protects the environment.

This unit can be charged using 12V power from an alternator or solar panels. It may also be utilized as a stand-alone 110V A/C unit.

Note: This product requires other ZeroRPM IMS components. Reference ZeroRPM.com/systems for more information.

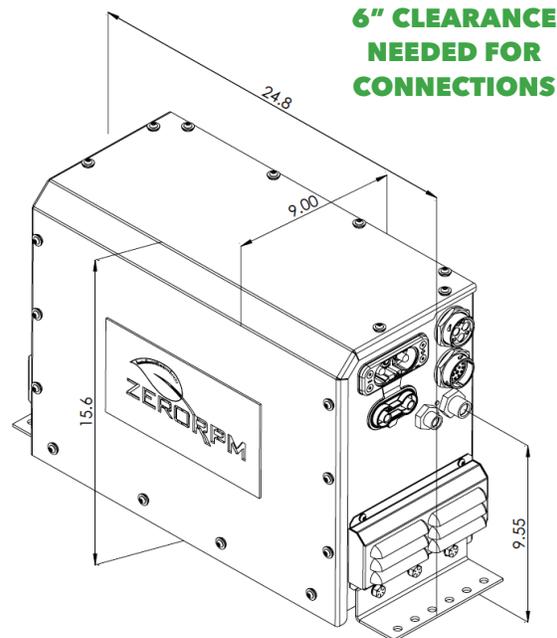
**"Lithium-Iron" is marketing term for ZeroRPM's LiFeMnPO4 packaged energy storage systems.*

SYSTEM BENEFITS:

- IMPROVE OPERATOR SAFETY
- ENGINE-OFF AIR CONDITIONING
- REDUCE OPERATING COST
- PROTECT THE ENVIRONMENT
- LIGHT WEIGHT
- SMALL FORM FACTOR

SPECIFICATIONS:

Total Energy	1.02 kWh
Usable Energy	0.8 kWh
Nominal Voltage	12.8V
Battery Chemistry	Lithium-Iron (LiFeMnPO4)
Product Housing Material	Powder-coated Aluminum and Galvanneal
Weight	~70lbs / ~31.75kg
Charging Temperature Range	32°F to 150°F / 0°C to 65.6°C
Discharge Temperature Range	-4°F to 150°F / -20°C to 65.6°C
Cooling Capacity	~11,800 BTU (at target evaporator and condenser temp.)
Compatible Freon Types	R-1234YF or R134a
A/C Fitting Sizes	#8-MIO Pressure / #10-MIO Suction
System Protection Fuse	100A (external to unit)
Input Voltage Range	12.2V-15.2V
Nominal Current Consumption	65A
Max Current Consumption	85A
Internal Fuse Rating	100A



*Temperatures are based on software versions 4.94.00 and later with battery SOC of >40%.

Ask for ZeroRPM[®] Idle Mitigation Systems[®] WHERE you purchase your fleet vehicles

