



FORGE MODEL- 510

POWER SURETY AND FUEL SAVINGS AT THE EDGE

OVERVIEW

- >> Hybrid power management system replaces or reduces the fuel consumption of 1-3 kW generators.
- >> Digital-quality 120 VAC Power.
- >> DC service includes 12 V, 24 V (NATO), and USB for charging mobile devices.
- >> Up to 1.5 kW of solar charging using integrated or mobile arrays.
- >> Connect multiple FORGE Battery Modules to increase storage.
- >> Onboard event logging and storage. Configured for remote monitoring & Management.
- >> Each unit includes: AC charge cable; generator remote-start cable.
- >> ZeroBase Energy is a U.S. company. All our products are made in USA.

AC MODULE	
Service	120 / 240 VAC, 60 Hz
Rated Power	20 A / 3.6 kW
Surge Power	4.8 kW
Charge Rate	100 A @ 28.8 VDC
AC Outlets	120VAC, 240 VAC
AC Charge Port	120 / 240 VAC 50 A
BATTERY MODULE	
Type	Lithium-ion Ferrous Phosphate (LiFePO4)
Capacity	(2) 3.5 kWh
Lifecycle	10 Years or 3000 cycles each
DC MODULE	
Outlets	(1) 5 V USB-A (mobile device charging) (1) 12 V SAE (vehicle outlet)
DC Inlet / Outlet	NATO, 50 A
Solar Charge Capacity	1.8 kW @ 150 V
Solar Ports	(6) 20 A ITT/Cannon twist-loc ports
GENERAL	
Size per Module	DC & Battery Module 31.59" x 20.47" x 12.45" 80.2 x 52 x 31.6 cm AC Module 28.20 " x 19.66" x 17.63" 71.6 x 49.9 x 44.8 cm
Weight	AC Module 192 lbs / 87 kg Battery Module 208 lbs / 94.3 kg DC Module 124 lbs / 56 kg
Operating Temp.	-20 to 60° C / -4 to 140 °F
IP Rating	IP 65
Monitoring	Ethernet; Removable Data Logger