CATERPILLAR

FACTORY INSTALLED STANDARD & OPTIONAL EQUIPMENT

System	Standard	Optional
Engine	Air cleaner, with service indicator Batteries Filters; fuel, LH with service indicators; lubricating oil Insulated muffler Jacket water heater Pump, fuel priming — LH Radiator Service meter Standard eight-gauge instrument panel Sump pump Governor Electronic ADEM II	
Generator	SR4B brushless, 480 volt, PM excited three-phase with digital voltage regulator, space heater	
Containerized Module	Air intake louvers Bus bar access door Fuel tank — 4730 L (1250 Gal) UL listed Fuel/water separator 110 VAC/24 VDC lighting Sound attenuated (75 dBA @ 50 ft) ISO hi cube container Lockable doors Stainless steel hardware and hinges Vertical radiator and exhaust discharge plenum	
Cooling	Standard cooling provides 110° ambient at prime rating	
Switchgear	Floorstanding switchgear with EMCP II components Automatic start/stop with cooldown timer Battery charger, heavy duty 20A Protection: 32, 59 Circuit breaker, electrically operated Connection terminals, 3-phase and neutral Automatic paralleling Auxiliary power connections for jacket water heater, battery charger, space heaters	Meters: power factor, KW, PF, W/WHM, synchroscope, KVAR Protection: 27, 40, 810, 81U CIM, CCM, remote annunciation Plug and peak shave utility conversion panel

SPECIFICATIONS

CAT SR4B GENERATOR

Type ..... Static regulated brushless PM excited
Construction ..... Single bearing, close coupled
Three-phase ..... Wye connected — 6 lead
Insulation ..... Class H — 2 extra dips and bakes on random wound units
Enclosure ..... Drip proof
Alignment ..... Pilot shaft
Overspeed capability 130%
Voltage regulator ..... 3-phase sensing with Volts-per-Hertz
Voltage regulation ..... Less than ± 0.5%
Voltage gain ..... Adjustable to compensate for engine speed droop and line loss
Wave form ..... Less than 5% deviation
TIF ..... Less than 50
THD ..... Less than 3%

CAT® 3516B ENGINE

V-16, 4-stroke-cycle diesel
Bore — mm (in) 170 (6.7)
Stroke — mm (in) 190 (7.5)
Displacement — L (cu in) 69.0 (4210)
Aspiration ..... Turbocharged-Aftercooled