

STANDARD EQUIPMENT

Engine
 Air cleaner with service indicator
 Batteries
 Filters
 fuel LH with service indicators
 lubricating oil
 Insulated muffler
 Jacket water heater
 Pump, fuel priming
 Radiator
 Service meter
 Standard 8-gauge instrument panel
 Sump pump

Generator
 SR4 brushless, 480 volt
 PM excited
 Three-phase, with voltage regulator
 and space heater

Container
 Air intake louvers
 Bus bar access door
 Fuel tank w/sight gauge
 40-ft, 3785 L (1000 usable gal)
 30-ft, 3785 L (1000 gal)
 Fuel/water separator
 110 VAC/24 VDC lighting
 Sound attenuated (72 dBA @ 50 ft)

Switchgear
 Automatic start/stop with cycle crank
 Auxiliary inlets for
 jacket water heater, battery charger, space heaters
 Battery charger, heavy duty
 Circuit breaker, manually operated
 Connection terminals, three-phase and neutral
 40-foot module, floor standing
 with EMCP II components
 120 VAC 60 Hz
 2301/2301A governor

Enclosure
 ISO hi cube container
 Lockable doors prevent vandalism or unsafe
 operating conditions
 Separate vented battery compartment allows easy
 access to batteries which are housed in a separate,
 clean environment for longer life.
 Sound attenuation satisfies customer requirement
 for quiet rental units. Eliminates noise complaints.
 Stainless steel hardware and hinges provide superior
 rust corrosion protection.
 Vertical radiator and exhaust discharge plenum
 contributes to sound attenuation performance.
 Directs hot air and diffuses radiator discharge and
 exhaust gases upward, away from bystander and
 package. Allows for placement of power module
 next to a building or other obstruction that may
 restrict flow to the radiator.

CATERPILLAR 3508, 3512, & 3516 ENGINE

V8, V12 & V16, Four-Stroke-Cycle Diesel, 1800 rpm
 Bore—mm (in) 170 (6.7)
 Stroke—mm (in) 190 (7.5)
 Displacement—L (cu in)
 V8 34.5 (2,105)
 V12 51.8 (3,156)
 V16 69.0 (4,210)
 Aspiration Turbocharged-Aftercooled

CATERPILLAR® SR4 GENERATOR

Type Static regulated brushless PM excited
 Construction Single bearing, close coupled
 Three phase wye connected, six lead
 Insulation Class H – two 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 ± 1%
 Voltage gain Adjustable to compensate for engine
 speed droop and line loss
 Wave form Less than 5% deviation
 TIF Less than 50
 THF Less than 3%