

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%