CATERPILLAR®

SOUND ATTENUATED POWER MODULE

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 (3,158)
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%