

APS800B Power Module

1. Utilizing Caterpillar C27 Generator Set, Rated 800 KW Stand-by or 725 Kw Prime. Refer to Caterpillar Spec Sheet, SS-003371
2. 30 Ft ISO Container with 2 personnel access doors with sound attenuation
No Load = 75.66 dB(A) at 7 meters.
Stand-by (800Kw) = 78.12 dB(A) at 7 meters.
Prime (725Kw) = 77.89 dB(A) at 7 meters.
3. Thirty-Foot tandem axle chassis with air ride suspension and ABS brakes. Meets all DOT, FMVSS, ANSI, SAE, and TTMA specifications at time of manufacture. Rated 65,000 Lbs GVWR.
4. 6 KW dual circuit 120 VAC jacket water heater with 30 amp Twist-Lok shore power provisions.
5. 10 amp 24 VDC battery charger 120V and 900W 120V generator condensation heaters with 30 Amp Twist-Lok shore power provisions.
6. Exterior mounted customer connection with pad-lockable door, generator load bus to accept 6 – 535 kcmil per phase and neutral, remote start/stop connection, door safety switch and ground stud.



7. Fixed blade intake louvers with sound diverters and rodent screen.
8. Package stabilizer jacks with storage provisions.

9. 12” hospital grade with thermal insulation silencer, flexible engine connection, and outlet extensions. Thermal insulation on exhaust piping from the engine turbochargers to the radiator discharge plenum.
10. Vertical radiator discharge plenum, with drain provisions through container floor and roof mounted screen.
11. Generator change –over board, Standard configuration of High Wye and Low Wye 480/240V three-phase. Optional 240 Volt Delta three-phase configuration (P/N 80E412).
12. Generator 2500 Amp three pole main circuit breaker, with adjustable LSI trip. User adjustable to 100% for 240 Volt applications and 50% for 480 Volt applications. 24 VDC Shunt Trip and Stored Energy 24 VDC Spring Charging Motor.
13. Manual paralleling with load sharing, Includes device 25 paralleling relay and load sharing governor. Synchronizing lights with on/off switch. 50 Ft umbilical cable for unit-to-unit load sharing. Umbilical cable incorporates a safety circuit in case it is accidentally severed that will trip off line any load sharing units connected with the affected cable All load sharing and synchronizing components are located within the EMCP 3.3 cabinet.
14. 1000 Gallon double wall U.L.142 fuel tank with manual fill, sight gage, tank leak alarm, and low fuel level alarm. Tank and rupture drains. Engine fuel supply and return piping with flexible connections at tank and engine. Below listed run times starting with full tank of fuel.

KW	fuel rate	run time hrs
800	57.2	17.48252
720	52.5	19.04762
640	47.7	20.96436
600	45.3	22.07506
560	42.8	23.36449
480	37.5	26.66667
400	32.3	30.95975
320	27.2	36.76471
240	22.1	45.24887
200	19.5	51.28205
160	16.9	59.1716
80	12	83.33333

15. Under chassis personnel ladder storage with aluminum ladder fitted with 2 removable hand rails. Optional second personnel ladder with storage box. (P/N 81C180)

16. Hand held 10 Lb dry chemical fire extinguishers, located near each personnel door.

17. Incandescent 24 VDC interior lighting with 0-60 minute timer.

Package Dimensions

Length = 370.50" (30 Ft)

Width = 96.00" (8 Ft)

Height = 161.75" (13 Ft 5-3/4" In)

Weight w/o fuel = Approx 40,000 Lbs

Weight w/ fuel = Approx 49,000 Lbs