

## 502 Premium / 8.2L

<b>B502P-COMP</b>  415hp/310kw *	<b>COMPLETE SERVICE BASE ENGINE</b> - High Output Gen VI Engine with Roller Hydraulic Camshaft, One Piece Rear Seal and 4 Bolt Mains. Replaces Mark IV, Gen V and Gen VI Big Block V-8's. Requires Electric Fuel Pump. Includes: 14" Flywheel, Circulating Water Pump, Harmonic Balancer, Aluminum Intake Manifold w/o Brass Insert, Dipstick & Tube.  One Year Limited Warranty
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<b>P502P</b>  415hp/310kw *	<b>PARPAC - Partial Engine Package</b>  <i>Includes:</i> Complete Service Base Engine, Carburetor, Electric Fuel Pump, Fuel Lines, Fuel/Water Separator, Electronic Distributor, High Performance Coil, Ignition Wire Set.  One Year Limited Warranty
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<b>E502P-MR2</b>  415hp/310kw *	<b>ENPAC - Complete Inboard/Outboard Engine Designed to Replace <u>Most</u> Merc Models 1986 &amp; Later -</b> <i>Includes:</i> ParPac plus, Merc Style Center Rise Manifolds with 4" Risers, Throttle Linkage, Alternator, Engine Wiring Harness, Brass Fittings, High Torque Bottom Mount Starter, Flame Arrester, Weather Cover, Seawater Pump, Single Sender Package, EZ Oil Drain, Superior Corrosion Resistant Urethane Paint.  Two Year Limited Warranty
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<b>S502P</b>  415hp/310kw *	<b>SPORTPAC - Complete Inboard Engine Available as Bobtail or with Hurth or Velvet Drive Transmission -</b> <i>Includes:</i> Merc Style Center Rise Manifolds with 4" Risers, Carburetor, Alternator, Dual Alternator Belt Drive, 50 Amp Circuit Breaker, Heavy Duty Engine/Gear Cooler, Fuel/Water Separator, Top Mount Starter, Engine Wiring Harness, Single Sender Package, Crankshaft Driven Seawater Pump, Flame Arrester, Weather Cover, Dual Remote Oil System, Reversible Dipstick & Tube with Oil Drain Fitting, Superior Corrosion Resistant Urethane Paint. Standard Color: <i>Premium Blue</i>  Two Year Limited Warranty
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\* Horsepower rated @ crankshaft

### OPTIONS

**Available EnPac and SportPac Engine Options Include**

- Multi-Port Fuel Injection (Arizona Speed or Billet Air Valve Down Draft Intake)
- Fresh Water Cooling System (Front Mount) • Alarm System • Aluminum Oil Pan

**Additional EnPac Engine Option: Power Steering • 14" Flexplate Coupler**

**Additional SportPac Engine Options:  
Fresh Water Cooling System (Rear Mount) • Marine Power Manifolds & Risers**

<b>SPECIFICATIONS</b>	<b>PREMIUM</b>
CRANKSHAFT POWER RATING (CARBURETED)*	415/310
ESTIMATED PROP SHAFT RATING (CARBURETED) HP/KW**	386/288
ESTIMATED PROP SHAFT RATING (EFI) HP/KW**	395/295 (MPI)
DISPLACEMENT (LITER/CID)	8.2L / 502
CYLINDERS	V-8
BORE & STROKE (INCHES)	4.47 X 4.00
COMPRESSION RATIO	8.75:1
PEAK TORQUE	504 lb-ft @ 3800 rpm
CARBURETOR	4 BBL
IGNITION	DELCO ELECTRONIC
FULL THROTTLE OPERATION (CARBURETED)	4600 - 5000
FULL THROTTLE OPERATION (EFI)	4600 - 5000 (MPI)
TRANSMISSION (SPORTPAC MODEL)	HURTH or BW
TOTAL WEIGHT - U.S. LBS - SPORTPAC (W/DIRECT DRIVE)	1,005
TOTAL WEIGHT - U.S. LBS. - ENPAC	985

\* POWER RATED BY MARINEPOWER IN ACCORDANCE WITH SAE J607 \*\* POWER RATED IN ACCORDANCE WITH NMMA PROCEDURE SAE J1228