

# POWER EASE

## POWEEASE 420E ELECTRIC START ENGINE

MODEL: 85.578.150

### FEATURES

- **Power ease engines** have been used by BE Power Equipment for well over ten years and have proved themselves to be powerful and reliable. Their reputation has earned the trust to be used on a wide range of power equipment.
- **Electric start** harness with key system, starter motor and solenoid already set up makes starting the engine very easy.
- **Replacement engine** for equipment that accepts a keyed, 1" horizontal shaft.
- **Air cooled, 4-stroke, Over Head Valve (OHV)** design enables higher compression ratio to obtain greater power output.
- **Uses common SAE 10W30** motor oil to splash lubricate the components in the crankcase.
- **Automatic low-oil sensor** will shut down the engine if the oil level drops to dangerous levels.
- **Fuel recommended** to use is regular unleaded that is 86 octane or more. It is best to use fuel with no ethanol, but ethanol blends of up to 10% is acceptable.



Scan the QR code with your mobile device and discover more about this engine.

### ENGINE SPECS

MODEL:	<b>POWEEASE 420</b>
TYPE:	<b>AIR COOLED, 4-STROKE OHV</b>
DISPLACEMENT:	<b>420CC</b>
NET POWER:	<b>15 HP @ 3,600 RPM</b>
NET TORQUE:	<b>17.8 FT/LB @ 2,500 RPM</b>
FUEL TYPE:	<b>UNLEADED</b>
MIN OCTANE:	<b>86 OR MORE</b>
MAX ETHANOL:	<b>10%</b>
FUEL TANK CAPACITY:	<b>6.1L / 1.6 US GAL</b>
OIL TYPE:	<b>SAE 10W30</b>
OIL CAPACITY:	<b>1.1L/1.16 US QTS</b>
LUBRICATION:	<b>FORCED SPLASH</b>
COMPRESSION RATIO:	<b>8.2:1</b>
START SYSTEM:	<b>RECOIL/ELECTRIC</b>
SHAFT TYPE:	<b>KEYED 1" HORIZONTAL</b>
SHAFT ROTATION:	<b>COUNTER CLOCKWISE</b>
VALVE CLEARANCES:	<b>.06" IN TAKE / .08" OUT TAKE</b>

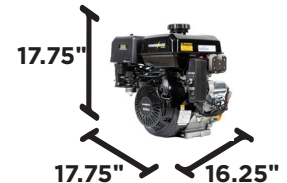
### REPLACEMENT PARTS

AIR FILTER ELEMENT:	<b>85.550.004</b>
AIR FILTER ASSEMBLY:	<b>85.571.029E</b>
MUFFLER ASSEMBLY:	<b>85.571.030</b>
FUEL TANK:	<b>85.571.031</b>
FUEL TANK CAP:	<b>85.571.013</b>
FUEL TANK CAP STRAINER:	<b>85.571.042</b>
RECOIL ASSEMBLY:	<b>85.571.026</b>
IGNITION COIL:	<b>85.571.032</b>
ON/OFF SWITCH:	<b>85.571.008</b>
OIL PLUG & DIPSTICK:	<b>85.571.025</b>
CARBURETOR ASSEMBLY:	<b>85.571.028</b>
THROTTLE CONTROL KIT:	<b>85.571.137</b>
CYLINDER COVER:	<b>85.571.022</b>
SPARK PLUG:	<b>85.519.001</b>
AUTO LOW OIL SENSOR:	<b>85.571.003</b>

### BOXED SIZE

LxWxH:	<b>17" x 18" x 18"</b>
WEIGHT:	<b>70 LBS</b>

### UNIT SIZE



UNIT WEIGHT:	<b>68 LBS</b>
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### WARRANTY

BASIC:	<b>2 YEARS</b>
REGISTERED:	<b>5 YEARS</b>
UPC:	<b>777897306538</b>

09-2021

VISIT US AT: [POWEEASEENGINES.COM](http://POWEEASEENGINES.COM)

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