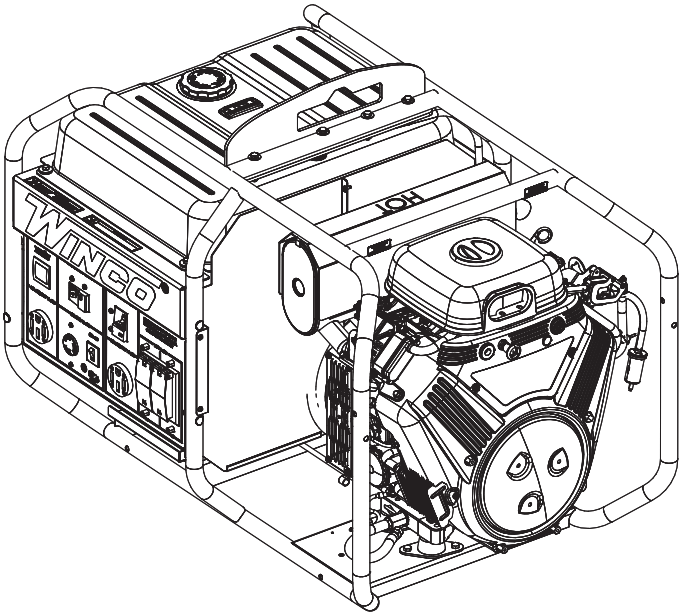
WINCO GENERATORS
AN AMERICAN COMPANY
www.WINCOGEN.com

# WL22000VE-03/A



Designed, engineered, and manufactured in our facility located in Le Center, Minnesota, equipped with modern engineering, fabrication and assembly capabilities.

**Rugged Design**
Engineered and built tough with powder coat paint galvanealed steel.

**Full Load Tested**
Every generator is 100% load tested in-house.

**Briggs & Stratton Commercial Engine**
Premium-grade Vanguard engines are application-engineered to power equipment that works for a living.

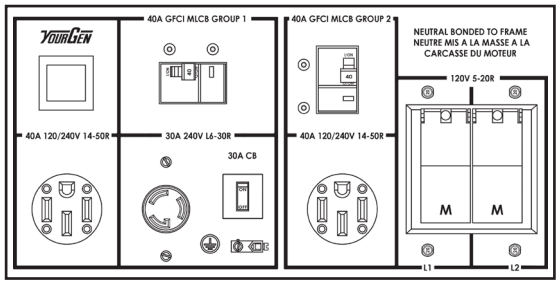
VANGUARD mecc alte

| VOLTAGE | STARTING WATTS | STARTING AMPS @ 240V | RUNNING WATTS | RUNNING AMPS @ 120V | RUNNING AMPS @ 240V |
|---|---|---|---|---|---|
| 120/240 1-PH | 22,000 | 91.6 | 19,000 | 158.3 | 79.2 |

| | |
|---|---|
| MOTOR STARTING (CODE G) | 6 HP |
| DBA @ 7 METERS FULL LOAD | 79 |
| TOTAL HARMONIC DISTORTION | < 6% |
| MAIN CIRCUIT BREAKER | (2) 40A, 240V (GFCI) |
| BONDED NEUTRAL | YES |
| 120V RECEPTACLES | (2) NEMA 5-20 20A (DUPLEX GFCI) |
| 120/240V RECEPTACLES | (2) 14-50 50A (GFCI) |

| | |
|---|---|
| 240V RECEPTACLES | (1)NEMA L6-30 30A (GFCI) |
| PROTECTIVE ROLL FRAME | 1.25" DIA 14 GA STEEL |
| ASSEMBLED IN | USA |
| EPA APPROVED | YES |
| CARB APPROVED | NO |
| TÜV CERTIFICATION | NO |
| UNIT WARRANTY(1) | 3 YEARS COMMERCIAL |

## RECEPTACLE PANEL



# ENGINE

| | |
|---|---|
| ENGINE BRAND | BRIGGS & STRATTON |
| ENGINE MODEL | VANGUARD 6134 |
| ENGINE STARTER | ELECTRIC |
| ENGINE SPEED | 3600 RPM |
| ENGINE CYLINDERS | V-TWIN |
| ENGINE HP | 40 |
| FREQUENCY | 60 HZ |
| IGNITION SYSTEM | MAGNETRON® ELECTRONIC |

| | |
|---|---|
| LUBRICATION | FULL-PRESSURE |
| BORE/STROKE | 85.5 mm x 86.5 mm |
| DISPLACEMENT/TYPE | 993CC/ OHV |
| LOW OIL PROTECTION | STANDARD |
| RECOMMENDED OIL[(2)] | 5W-30 SAE |
| OIL CAPACITY | 2.6 QT |
| COMPRESSION RATIO | 8.5:1 |

# FUEL

| | |
|---|---|
| FUEL TANK | 15 GAL |
| FULL LOAD RUN TIME | 4.5 HRS |
| FUEL GAUGE | YES |

| FUEL CONSUMPTION | |
|---|---|
| 100% | 3.28 GAL/HR |
| 75% | 2.57 GAL/HR |
| 50% | 1.88 GAL/HR |
| 25% | 0.95 GAL/HR |

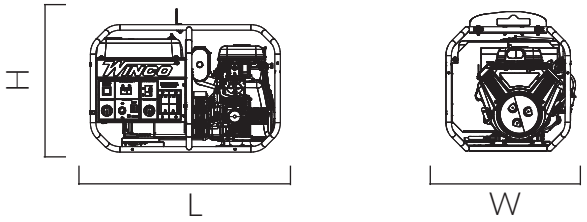
# GENERATOR END

| | |
|---|---|
| GENERATOR END BRAND | MECC ALTE |
| GENERATOR END MODEL | AME3 |
| PHASE | SINGLE |
| VOLTAGE REGULATION | CAPACITOR +/- 5% |
| TEMPERATURE RISE | 125/40°C |
| BRUSH | YES |
| SPEED | 3600 RPM |

| | |
|---|---|
| STATOR | 2/3 PITCH |
| WINDINGS | 100% COPPER |
| STATOR WINDING | DOUBLE LAYER CONCENTRIC |
| BEARINGS | SINGLE (MAINTENANCE FREE) |
| EFFICIENCY PEAK | 70.4% |
| INSULATION | CLASS H |
| INGRESS PROTECTION | IP23 |

# SHIPPING

| | |
|---|---|
| SHIPPING DIMENSIONS (L x W x H) | 43.5” x 31” x 37” |
| SHIP WEIGHT | 504 LBS |
| FREIGHT CLASS | 70 |




# OPTIONAL ACCESSORIES

| | |
|---|---|
| COVER | 45” x 32” x 30” |
| MAINTENANCE KIT | 16200-011 |
| BATTERY | BCI GROUP 26 500 CCA |
| 4-WHEEL DOLLY KIT | 16199-040 |
| L6-30 PLUG | 64697-000 |
| 50A PLUG | 97360-002 |

NOTES:
(1) For more warranty information, see operator’s manual.
(2) The recommended oil is for normal applications.
See operator’s manual for more oil recommendations.
Specifications are subject to change without notice.

Sales: 507-357-6821
Service: 507-357-6831