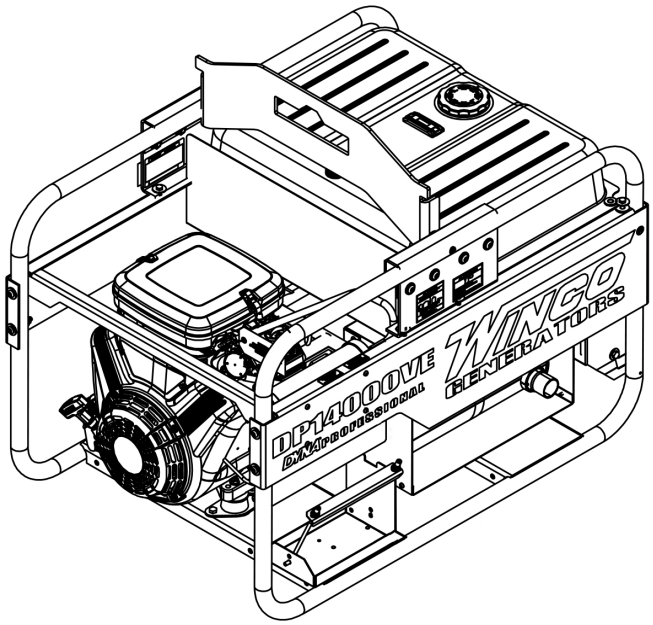
WINCO GENERATORS®
AN AMERICAN COMPANY
www.WINCOGEN.com

DP14000VE-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.

Vanguard Industrial Engine
Premium-grade Vanguard engines are application-engineered to power equipment that works for a living.

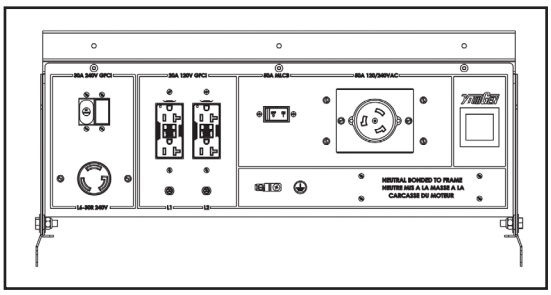
VANGUARD® mecc alte

VOLTAGE	STARTING WATTS	STARTING AMPS@ 240V	RUNNING WATTS	RUNNING AMPS @ 120	RUNNING AMPS @ 240V
120/240 1-PH	14,000	58.3	11,760	98	49

MOTOR STARTING (CODE G)	4 HP
DBA @ 7 METERS FULL LOAD	80
TOTAL HARMONIC DISTORTION	< 5%
MAIN CIRCUIT BREAKER	60A, 240V (GFCI)
BONDED NEUTRAL	YES
120V RECEPTACLES	(2) NEMA 5-20 20A DUPLEX (GFCI)
120/240V RECEPTACLES	(1) CS6365

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

RECEPTACLE PANEL



ENGINE

ENGINE BRAND	BRIGGS & STRATTON
ENGINE MODEL	VANGUARD 3864
ENGINE STARTER	RECOIL/ELECTRIC
ENGINE SPEED	3600 RPM
ENGINE CYLINDERS	V-TWIN
ENGINE HP	23
FREQUENCY	60 HZ
IGNITION SYSTEM	MAGNETRON® ELECTRONIC

LUBRICATION	FULL-PRESSURE
BORE/STROKE	75.5 mm x 70.0 mm
DISPLACEMENT/TYPE	667CC/ OHV
LOW OIL PROTECTION	STANDARD
RECOMMENDED OIL(2)	5W-30 SAE
OIL CAPACITY	1.5 QT
COMPRESSION RATIO	8.4:1

FUEL

FUEL TANK	15 GAL
FULL LOAD RUN TIME	8.8 HRS
FUEL GAUGE	YES

FUEL CONSUMPTION	
100%	1.70 GAL/HR
75%	1.40 GAL/HR
50%	1.20 GAL/HR
25%	0.76 GAL/HR

GENERATOR END

GENERATOR END BRAND	MECC ALTE
GENERATOR END MODEL	ES20F-230
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	82.7%
INSULATION	CLASS H
INGRESS PROTECTION	IP23

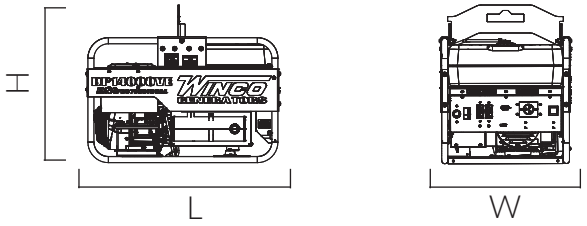
DERATES

ABOVE SEA LEVEL	
1,000 FT	3.5%

ABOVE 77°	1% FOR EACH 10°F

SHIPPING

SHIPPING DIMENSIONS (L x W x H)	50" x 27" x 35"
SHIP WEIGHT	423 LBS
FREIGHT CLASS	70



OPTIONAL ACCESSORIES

COVER	45" x 32" x 30"
MAINTENANCE KIT	16200-007
PLUG	64493-000
BATTERY	BCI GROUP U1 300 CCA
4-WHEEL DOLLY KIT	16199-043

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