

# WINCO<sup>®</sup> GENERATORS

 An American Company.

We produce our products in our 200,000ft<sup>2</sup> facility located in Le Center, Minnesota, equipped with modern engineering, fabrication and assembly capabilities.



## Cast-Iron Gearcase

Our own WINCO gearcases have proven their strength and durability for over 60 years and will keep doing so into the future.

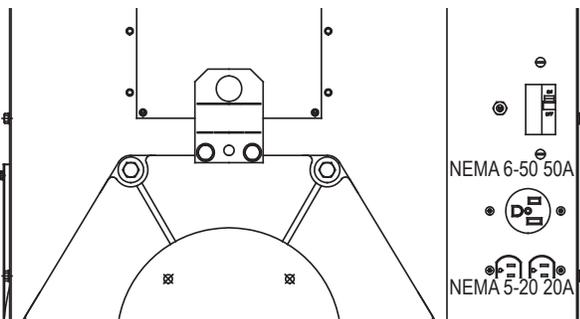


## Frequency Meter

Large, 3/12" hertz meter ensures the proper output is reached.



## Receptacle Panel



480V & 600V have Anderson connector only

# W145PTOS

145,000 WATTS

# W150PTOS

150,000 WATTS

# W165PTOS

165,000 WATTS

Rugged Steel Design.



Brushless Industrial Gen End.



**AUTOMATIC  
VOLTAGE  
REGULATION**

# SPECIFICATIONS

## ELECTRICAL

MODEL NUMBER	VOLTS	STANDBY (125/40C)			CONTINUOUS (105/40C)			CIRCUIT BREAKER	INPUT HP <sup>(1)</sup>	MOTOR STARTING <sup>(2)</sup>
		WATTS	AMPS 1.0 PF	AMPS 0.8 PF	WATTS	AMPS 1.0 PF	AMPS 0.8 PF			
W150PTOS-3	120/240 1-PH	150,000	625	N/A	137,000	570	N/A	600A	300	75HP
W145PTOS-4	120/208 3-PH	145,000	402	503	145,000	402	503	500A	290	70 HP
W145PTOS-17	120/240 3-PH	145,000	349	435	145,000	349	435	500A	290	70 HP
W165PTOS-18	277/480 3-PH	165,000	198	248	150,000	180	225	250A	330	70 HP
W165PTOS-21	346/600 3-PH	165,000	158	198	165,000	158	198	250A	330	70 HP

NOTES: (1) Required HP at PTO of tractor for full rated power. Each 2 HP equals approximately 1 kW of electric power. (2) Code G capacitor motor.

## 145-165PTOS

PTO INPUT SPEED	1000 RPM
INPUT SHAFT SIZE	1 3/4" - 20 SPLINE
FREQUENCY METER	STANDARD
NEUTRAL BONDED	YES
GROUND LUG	YES
GEARCASE OIL	SAE 85W-90-140
GEARCASE CAPACITY	2.75 PINTS

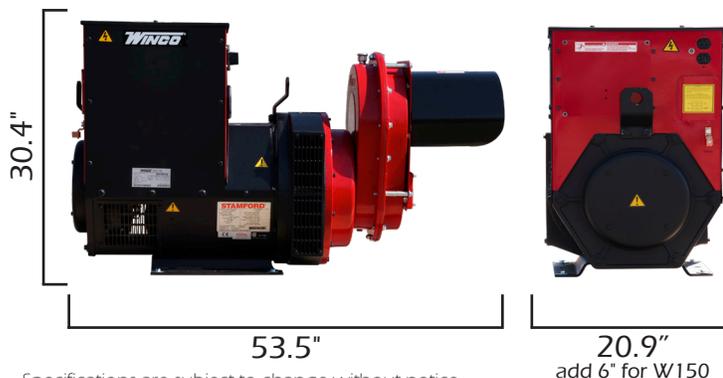
NOTES: (1) Required HP at PTO of tractor for full rated power. Each 2 HP equals approximately 1 kW of electric power.

## SHIPPING

SHIPPING DIMENSIONS (L x W x H)	55" x 29" x 36"
SHIP WEIGHT	
W145PTOS	1,482 LBS
W150PTOS	1,488 LBS
W165PTOS	1,516 LBS
FREIGHT CLASS	65

## OPTIONAL ACCESSORIES

PTO SHAFT	1 3/4" - 20 SPLINE 1 3/4" - 21 SPLINE
PTO TRAILER	TDM77
MANUAL TRANSFER SWITCH	VARIOUS



Specifications are subject to change without notice.

## GENEND

LEAD	SINGLE PHASE THREE PHASE	4 LEAD 12 LEAD
WINDING NUMBER	SINGLE PHASE THREE PHASE	06 311
AVR		AS440
VOLTAGE REGULATION		+/- 1%
TOTAL HARMONIC DISTORTION		< 5%
GENERATOR SPEED		1800 RPM
STATOR WINDING	SINGLE PHASE THREE PHASE	SINGLE LAYER CONCENTRIC DOUBLE LAYER CONCENTRIC
ROTOR		2/3 PITCH
TELEPHONE INTERFERENCE		TIF < 50
INSULATION PROTECTION		CLASS H IP23
BRUSHLESS		YES
EFFICIENCY PEAK 1.0 PF	W145PTOS W150PTOS W165PTOS	92.9 85.8 92.9
120 VOLT RECEPTACLES <sup>(1)</sup>	(1) NEMA 5-20 20A DUPLEX	
240 VOLT RECEPTACLES <sup>(1)</sup>	(1) NEMA 6-50 50A	
ASSEMBLED IN		USA
UNIT WARRANTY <sup>(2)</sup>		3 YEARS

NOTES: (1) 480V & 600V have Anderson connector only. (2) For more generator warranty, see operator's manual.

