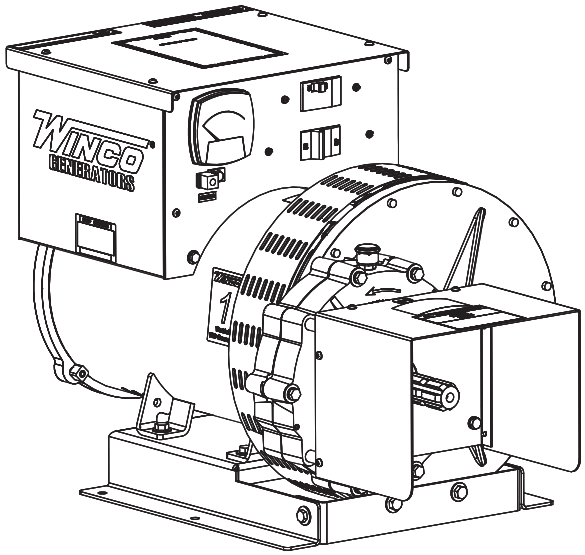
WINCO GENERATORS
AN AMERICAN COMPANY
www.WINCOGEN.com

27PTOC4
30PTOC4
35PTOC4



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.

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

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

STAMFORD

		STANDBY (150/40°C)			CONTINUOUS (105/40°C)		
MODEL	VOLTAGE	WATTS	AMPS 1.0 PF	AMPS 0.8 PF	WATTS	AMPS 1.0 PF	AMPS 0.8 PF
27PTOC4-03	120/240 1-PH	27,600	115	N/A	23,500	98	N/A
30PTOC4-04	120/208 3-PH	31,600	87	109	26,900	71	102
30PTOC4-17	120/240 3-PH	31,600	76	94	26,900	71	88
35PTOC4-18	277/480 3-PH	36,000	43	54	30,600	36	46
35PTOC4-21	346/600 3-PH	36,000	34	43	30,600	29	36

MOTOR STARTING (CODE G)	
120/240 1-PH	10 HP
120/208 3-PH	11 HP
120/240 3-PH	11 HP
277/480 3-PH	12 HP
346/600 3-PH	12 HP
TOTAL HARMONIC DISTORTION	< 5%
MAIN CIRCUIT BREAKER	
120/240 1-PH	125A, 240V
120/208 3-PH	100A, 240V
120/240 3-PH	100A, 240V
277/480 3-PH	50A, 480V
346/600 3-PH	50A, 600V
BONDED NEUTRAL	YES
120V RECEPTACLES	(1) NEMA 5-20 20A DUPLEX
240V RECEPTACLES	(1) NEMA 6-50 60A

FULL POWER ANDERSON[1]	175 AMPS
FREQUENCY METER	YES
GROUND LUG	YES
FULL POWER PLUG	INCLUDED
PTO INPUT SPEED	540 RPM 1000 RPM
INPUT SHAFT SIZE	1 3/8" 6-SPLINE
REQUIRED INPUT HP[2]	
27PTOC4-03	54
30PTOC4-04	63
30PTOC4-17	63
35PTOC4-18	72
35PTOC4-21	72
ASSEMBLED IN	USA
UNIT WARRANTY[3]	3 YEARS

GENERATOR END

GENERATOR END BRAND	STAMFORD
GENERATOR END MODEL	
SINGLE PHASE	S0L2-U1
THREE PHASE	S1L2-J1
WINDING	
240V 1-PH	06 - 4 LEAD
208/240/480V 3-PH	711 - 12 LEAD
600V 3-PH	17- 12 LEAD
VOLTAGE REGULATION	AVR +/-1%
AVR TYPE	AS540
TEMPERATURE RISE	
STANDBY	150/40°C
CONTINUOUS	105/40°C

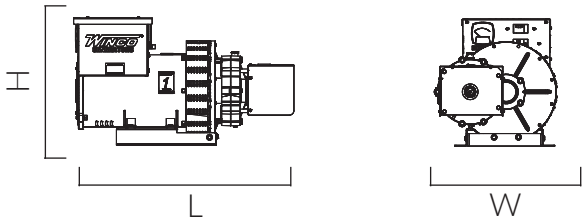
BRUSHLESS	YES
SPEED	1800 RPM
STATOR	2/3 PITCH
WINDINGS	100% COPPER
STATOR WINDING	DOUBLE LAYER CONCENTRIC
BEARINGS	SINGLE (MAINTENANCE FREE)
EFFICIENCY PEAK	
SINGLE PHASE	88.6%
THREE PHASE	91.3%
INSULATION	CLASS H
INGRESS PROTECTION	IP23

GEARCASE OIL

OIL TYPE	SAE 85W-90-140
OIL CAPACITY	.875 PINT

SHIPPING

SHIPPING DIMENSIONS (L x W x H)	46" x 29" x 28"
SHIP WEIGHT	
SINGLE PHASE	476 LBS
THREE PHASE	570 LBS
FREIGHT CLASS	65

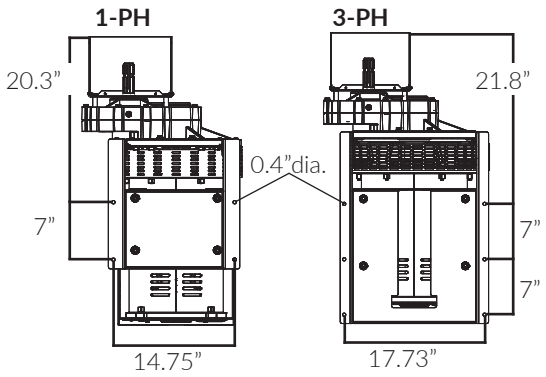


OPTIONAL ACCESSORIES

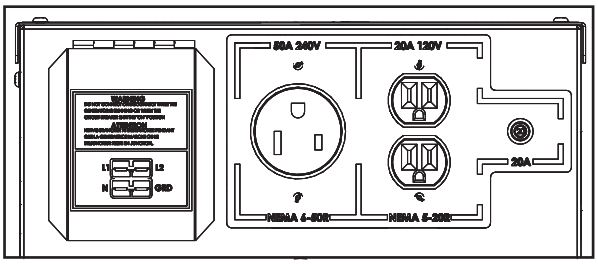
PTO SHAFT	1 3/8" 6-SPLINE 1 3/8" 21 SPLINE
PTO TRAILER	TDM80
THREE POINT HITCH	TPH260
MANUAL TRANSFER SWITCH	VARIES

INSTALLATION DIMENSIONS

BOTTOM VIEW



RECEPTACLE PANEL (1)



NOTES:
(1) 480V & 600V are equipped with the Anderson receptacle only.
(2) Required HP at PTO of tractor for full rated power. Each 2 HP equals approximately 1kW of electric power.
(3)For more warranty information, see operator's manual.

Specifications are subject to change without notice.

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