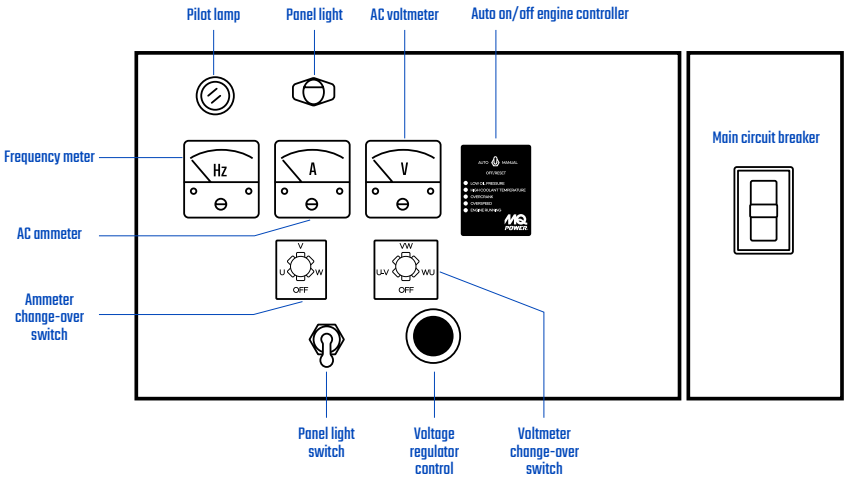
AXIS PORTABLE AIR

DCA400SSI4F3PB
GENERATOR SPECIFICATIONS

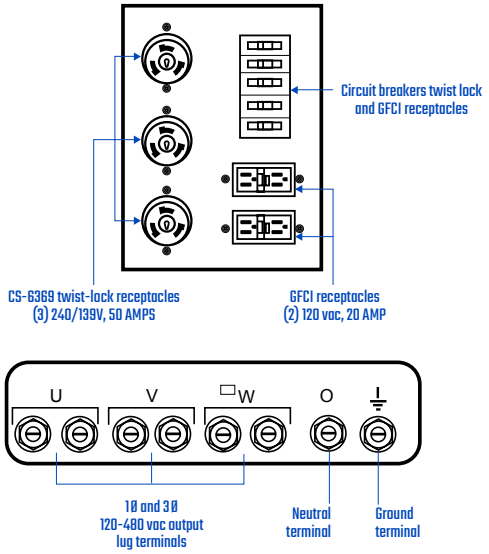
320KW



GENERATOR CONTROL PANEL



GENERATOR OUTPUT PANELS



AXIS PORTABLE AIR

DCA400SSI4F3PB
GENERATOR SPECIFICATIONS

320KW

Generator Specifications	
Design	Revolving field, Self-ventilated Drip-proof, Single bearing
No. of Poles	4-pole
Excitation	Brushless with AVR
Standby Output	336 KW (420 kVA)
Prime Output	320 KW (400 kVA)
Generator RPM	1800
Voltage - 3Ø	208, 220, 240, 416, 440, 480V Reconnectable
Voltage - 1Ø	120, 127, 139, 240, 254, 277V Adjustable
Armature Connection	Star with neutral
Voltage Regulation (No load to full load)	± 0.5%
Power Factor	0.8
Frequency	60 Hz
Winding Pitch	2/3
Frequency Regulation: No Load to Full Load	Isochronous under varying loads from no load to 100% rated load
Frequency Regulation: Steady State	± .25% of mean value for constant loads from no load to full load.
Insulation	Class F
Sound Level dB(A) Full load at 23 feet	69

Engine Specifications	
Make / Model	Isuzu / BQ-6WG1X
Emissions	EPA Tier 4 Final Certified
Starting System	Electric
Design	4-cycle, water cooled, direct injection, turbocharged, charge air cooled, EGR, DOC, and SCR.
Displacement	15681 cc
No. cylinders	6
Bore x Stroke	147 x 154 mm
Gross Engine Power Output	512.3 hp (382 kWm)
BMEP	236 psi (1624 kPa)
Piston Speed	1819 ft/min (9.24 m/s)
Compression Ratio	16.5 : 1
Engine Speed	1800 rpm
Overspeed Limit	2070 rpm
Oil Capacity	15.1 gallons (57 liters)
Battery	12V 200Ah x 2 (24 V Systems)

Fuel System		
Recommended Fuel	ASTM-D975-No.1 & No.2-D*	
Maximum Fuel Flow (per hour)	98.8 gallons (374 liters)	
Maximum Inlet Restriction (Hg)	8.86 in (225 mm)	
Fuel Tank Capacity	55.5 gallons (210 liters)	
Fuel Consumption	**gph**	**lph**
At full load	27.63	104.58
At 3/4 load	20.35	77.04
At 1/2 load	13.4	50.76
At 1/4 load	8.35	31.62
DEF Tank Capacity	14.8 gallons (56 liters)	

* Use ultra-low sulfur diesel fuel.

Cooling System	
Fan Load	17.8 hp (13.3 kW)
Coolant Capacity (with radiator)	19.4 gallons (73.6 liters)
Coolant Flow Rate (per minute)	111 gallons (420 liters)
Heat Rejection to Coolant (per minute)	12,606 Btu (13.3 MJ)
Maximum Coolant Friction Head	20.3 psi (140 kPa)
Maximum Coolant Static Head	29.5 feet (9.0 meters)
Ambient Temperature Rating	104°F (40°C)

Air	
Combustion Air	872 cfm (24.7 m³/min)
Maximum Air Cleaner Restriction	25 in. H20 (6.2 kPa)
Alternator Cooling Air	2790 cfm (79.0 m³/min)
Radiator Cooling Air	14129 cfm (400 m³/min)

Exhaust System	
Gas Flow (full load)	1635 cfm (46.3 m³/min)
Gas Temperature	968°F (520°C)
Maximum Back Pressure	180.7 in. H20 (45 kPa)

Amperage	
Rated Voltage	**Maximum Amps**
1Ø 120 Volt	888.9 Amps (4 wire)
1Ø 240 Volt	444.4 Amps (4 wire)
3Ø 208 Volt	962.3 Amps
3Ø 240 Volt	962.3 Amps
3Ø 480 Volt	481.1 Amps
Main Line Circuit Breaker Rating	1000 Amps
Over Current Relay Trip Set Point	480 Amps

GENERATOR WEIGHTS

DCA400SSI4F3PB Weights**	
Dry Weight	12,390 lbs. (5,620 kg)
Wet Weight*	13,197 lbs. (5,986 kg)
Max. Lifting Point Capacity	21,000 lbs (9,525 kg)

DCA400SSI4F3PB and TRLR400XF3DAE Weights**	
Dry Weight (less fuel and DEF)	16,745 lbs. (7,595 kg)
Wet Weight (with fuel and DEF)	19,766 lbs. (8,966 kg)

*Wet Weight includes engine oil, coolant, diesel fuel, and DEF.

**Weights do not include options.

ⓘ NOTE: Specifications sheet is subject to change and is not intended for use in installation design