

Technical Information

Prime Power	300 kVA / 240 kW
Standby Power	330 kVA / 264 kW

Prime Power rating corresponds to ISO Standard Power for continuous operation. It is applicable for supplying electrical power at variable load for an unlimited number of hours instead of commercially purchased power. A 10% overload capability is available for this rating.

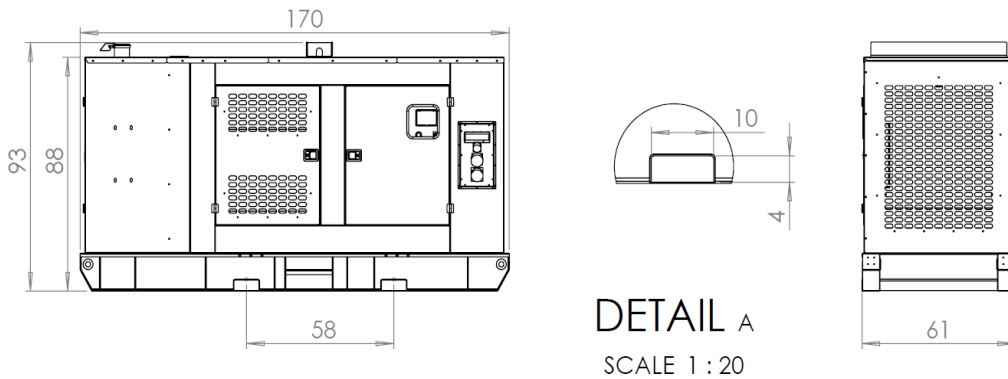
Standby Power rating corresponds to ISO Standard Fuel Stop Power. It is applicable for supplying standby electrical power at variable load in areas with well established electrical networks in the event of normal utility power failure. No overload capability is available for this rating.

Noise Level

Acoustic pressure	83 dBA @ 1 Metre FFC
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Weights and Dimensions

Length (L)	170"
Width (W)	61"
Height (H) Excl Exhaust	93"
Weight (Dry)	9920 Lbs
Fuel tank capacity	206 Gal



Fuel Consumption (Prime Power) Gal/hr

	Gallon per hour	Range (hours)
100 % Load	17.21	12.0
75 % Load	10.90	18.9
50 % Load	9.19	22.4

Please note: This information should be used as guidelines. In line with our policy of continuous product development, we reserve the right to change specification without notice.



Product: RPG-S300T4

Voltage (V): 480

Frequency (Hz): 60

AUTO START



Engine	
Manufacturer	Scania
Model	DC09 086A 01-03B US Tier 4 Final
Cylinders / Type	5 in Line 4-stroke
Displacement	9.3 litres
Bore	5.11"
Stroke	5.51"
Compression ratio	17:1
Water cooled	✓
Speed (RPM)	1800
Preheating system	X
Fuel tank capacity	206 Gal

Cooling System	
Flow of air from fan	TBC
Coolant Capacity (inc. radiator)	5.7 Gal

Lubrication System	
Oil system capacity (inc. filters)	9.5 Gal

Electrical System	
Number of batteries	2 X TYPE 627
Battery	12 Volt, 800 CCA, 120 Ah

Exhaust System	
Input diameter	5"
Output diameter	5"
Exhaust diameter	SCR/DPF
Exhaust length	Factory built
Gas flow	4471cfm

Alternator	
Manufacturer	Mecc Alte
Model	ECO38-2L4C
Operating Temperature	40°C
Coupling / No. of Bearing	Direct / Single Bearing
Phase / Poles	3-Phase / 4-Pole
Power Factor	Cos Φ = 0.8
Excitation	Self excited
Insulation Class	Class H
AVR Type	DSR
Voltage Regulation	+/- 0.5%

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Technical Information

Prime Power	410 kVA / 328 kW
Standby Power	450 kVA / 360 kW

Prime Power rating corresponds to ISO Standard Power for continuous operation. It is applicable for supplying electrical power at variable load for an unlimited number of hours instead of commercially purchased power. A 10% overload capability is available for this rating.

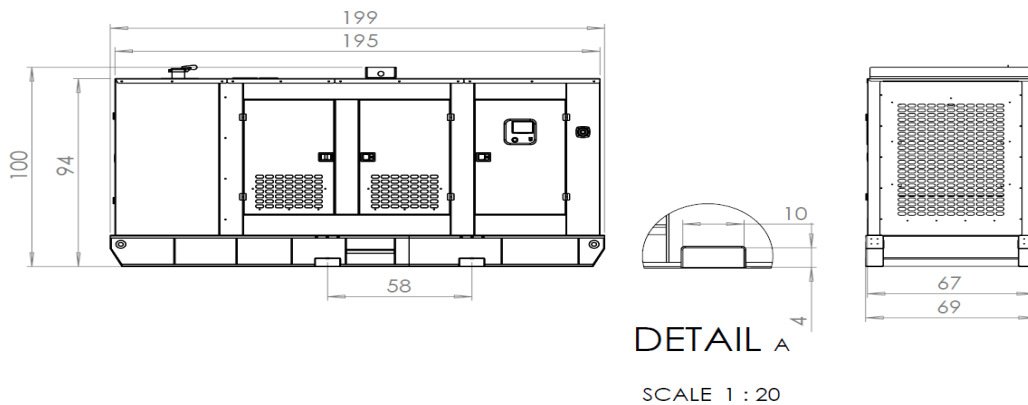
Standby Power rating corresponds to ISO Standard Fuel Stop Power. It is applicable for supplying standby electrical power at variable load in areas with well established electrical networks in the event of normal utility power failure. No overload capability is available for this rating.

Noise Level

Acoustic pressure	83 dBA @ 1 Metre FFC
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Weights and Dimensions

Length (L)	195"
Width (W)	67"
Height (H) Excl Exhaust	91"
Weight (Dry)	11,904 Lbs
Fuel tank capacity	277 Gal



Fuel Consumption (Prime Power) Gal/hr

	Gallon per hour	Range (hours)
100 % Load	23.14	12.0
75 % Load	17.35	16.0
50 % Load	11.97	23.1

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Product: RPG-S410T4

Voltage (V): 480

Frequency (Hz): 60

AUTO START



Engine	
Manufacturer	Scania
Model	DC13 085A 01-02B US Tier 4 Final
Cylinders / Type	6 in Line 4-stroke
Displacement	12.7 litres
Bore	5.11"
Stroke	6.29"
Compression ratio	17.3:1
Water cooled	✓
Speed (RPM)	1800
Preheating system	X
Fuel tank capacity	277 Gal

Cooling System	
Flow of air from fan	TBC
Coolant Capacity (inc. radiator)	12.6 Gal

Lubrication System	
Oil system capacity (inc. filters)	12.7 Gal

Electrical System	
Number of batteries	2 X TYPE 627
Battery	12 Volt, 800 CCA, 120 Ah

Exhaust System	
Input diameter	5"
Output diameter	5"
Exhaust diameter	SCR/DPF
Exhaust length	Factory built
Gas flow	4471cfm

Alternator	
Manufacturer	Mecc Alte
Model	ECO38-2L4C
Operating Temperature	40°C
Coupling / No. of Bearing	Direct / Single Bearing
Phase / Poles	3-Phase / 4-Pole
Power Factor	Cos Φ = 0.8
Excitation	Self excited
Insulation Class	Class H
AVR Type	DSR
Voltage Regulation	+/- 0.5%

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Technical Information

Prime Power	500 kVA / 400 kW
Standby Power	550 kVA / 440 kW

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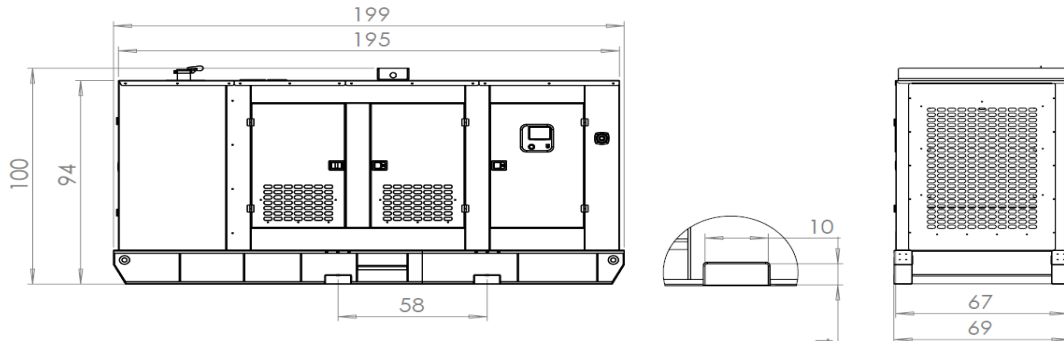
Standby Power rating corresponds to ISO Standard Fuel Stop Power. It is applicable for supplying standby electrical power at variable load in areas with well established electrical networks in the event of normal utility power failure. No overload capability is available for this rating.

Noise Level

Acoustic pressure	83 dBA @ 1 Metre FFC
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Weights and Dimensions

Length (L)	199"
Width (W)	69"
Height (H) Excl Exhaust	100"
Weight (Dry)	13,500 Lbs
Fuel tank capacity	277 Gal



DETAIL A

SCALE 1 : 20

Fuel Consumption (Prime Power) Gal/hr

	Gallon per hour	Range (hours)
100 % Load	28.03	9.9
75 % Load	21.13	13.1
50 % Load	14.72	18.8

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Product: RPG-S500T4

Voltage (V): 480

Frequency (Hz): 60

AUTO START



Engine	
Manufacturer	Scania
Model	DC16 084A 01-01C US Tier 4 Final
Cylinders / Type	8cyl / V / 4-stroke
Displacement	16.4 litres
Bore	5.11"
Stroke	6.6"
Compression ratio	16.7:1
Water cooled	✓
Speed (RPM)	1800
Preheating system	X
Fuel tank capacity	277 Gal

Cooling System	
Flow of air from fan	TBC
Coolant Capacity (inc. radiator)	12.6 Gal

Lubrication System	
Oil system capacity (inc. filters)	12.7 Gal

Electrical System	
Number of batteries	2
Battery	12 Volt, 1000 CCA, 225 Ah

Exhaust System	
Input diameter	5"
Output diameter	5"
Exhaust diameter	SCR/DPF
Exhaust length	Factory built
Gas flow	4471cfm

Alternator	
Manufacturer	Mecc Alte
Model	ECO40-2S
Operating Temperature	40°C
Coupling / No. of Bearing	Direct / Single Bearing
Phase / Poles	3-Phase / 4-Pole
Power Factor	Cos Φ = 0.8
Excitation	Self excited
Insulation Class	Class H
AVR Type	DER 1
Voltage Regulation	+/- 0.5%

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