

# C18 ACERT™

## MARINE GENERATOR SET PACKAGE

260 ekW	301 bkW	1500 rpm
335 ekW	383 bkW	1500 rpm
390 ekW	438 bkW	1500 rpm
445 ekW	492 bkW	1500 rpm

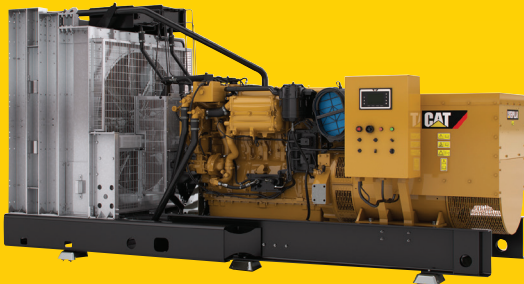


Image shown may not reflect actual engine

## SPECIFICATIONS

### I-6, 4-Stroke-Cycle-Diesel

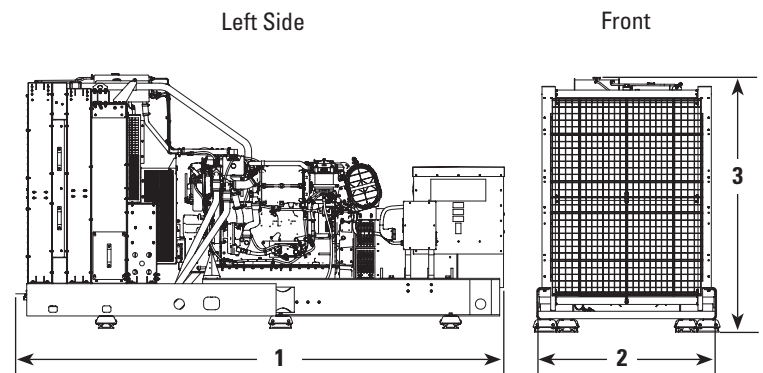
- IMO II certified
- 18.0 L (1098 cu in) displacement
- 145 mm (5.7 in) bore x 183 mm (7.2 in) stroke
- Turbocharged and aftercooled aspiration
- Electronically governed
- Radiator cooled
- Cooling system refill capacity
  - Jacket water: 123 L (32.5 gal)
  - Aftercooler: 83 L (21.9 gal)
- Lube system refill capacity
  - Deep pan: 68 L (18 gal)
- 500-hour oil change interval deep pan
- Cat® Diesel Engine Oil 10W30 or 15W40
- SAE No. 0 flywheel housing with SAE No. 18 flywheel (136 teeth)
- Counterclockwise rotation from flywheel end



## STANDARD ENGINE EQUIPMENT

- Separate circuit aftercooler (SCAC)
- Heavy-duty inlet air filter
- SCAC and JW shunt tanks
- SCAC and jacket water pumps
- Watercooled exhaust manifold and turbocharger
- Round flanged exhaust outlet
- Center sump oil pan, deep
- Oil filler, filter, and dipstick, front service
- MEUI™ fuel system
- Fuel filter, front service
- Fuel transfer and priming pumps
- Hybrid fuel lines
- Electronic fuel/air ratio control
- Formed C-channel rails
- Vibration isolators
- SRMP permanent magnet 12-lead generator
- Digital voltage regulator
- Class H insulation, Class F temperature rise, IP23 protection

## DIMENSIONS



### ENGINE DIMENSIONS & WEIGHT

<b>(1) Length</b>	4741 mm	186.6 in
<b>(2) Width</b>	1699 mm	66.9 in
<b>(3) Height</b>	2408 mm	94.8 in
<b>Weight, Net Dry (approx)</b>	6076 kg	13,396 lb

Note: Do not use these dimensions for installation design. See general dimension drawings for detail.

## MARINE ENGINE PERFORMANCE

### 50 Hz

% Load	IMO II – EM1467-00					IMO II – EM1461-00				
	ekW*	bhp	g/hr	bkW	g/bkW-hr	ekW*	bhp	g/hr	bkW	g/bkW-hr
100	260	403	19.9	301	209.6	335	514	25.2	383	209.0
75	195	303	15.1	226	213.0	251	385	19.0	287	210.3
50	130	202	10.6	150	223.3	168	257	13.1	192	216.9
25	65	101	6.3	75	267.3	84	128	7.3	96	240.8
10	26	40	3.8	30	396.0	34	51	4.2	38	346.6

### 50 Hz

% Load	IMO II – EM1462-00					IMO II – EM1463-00				
	ekW*	bhp	g/hr	bkW	g/bkW-hr	ekW*	bhp	g/hr	bkW	g/bkW-hr
100	390	587	28.7	438	208.0	445	660	32.3	492	208.7
75	293	441	21.8	329	211.2	334	495	24.3	369	209.3
50	195	294	14.8	219	214.1	223	330	16.5	246	213.5
25	98	147	8.9	110	257.6	111	165	9.3	123	241.0
10	39	59	4.6	44	335.2	45	66	4.8	49	312.5

\*ekW ratings are with fan

## OPTIONAL ATTACHMENTS

- Cat alarm and protection system
- EMCP 4.2 control panel
- MGCP III B control panel
- Generator protection – IP44
- Generator service side – LH, RH
- Generator terminal box extension
- Load sharing module (option for type approved module)
- Exhaust elbows, dry or watercooled
- Exhaust flange and flexible fitting
- Mufflers (option for spark arresting)
- Air inlet adapter
- Fumes disposal (closed system)
- Battery charger 10 amp
- Battery sets – 24V 950-1300 CCA
- Charging alternator 24V 105 amp
- Duplex fuel filter – front service
- Fuel cooler
- Primary fuel/water separator
- Spare pump kits
- Duplex oil filter – front service
- Manual sump pump
- Power take-offs
- Starting motors – electric and/or air
- Jacket water heaters

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