

1500kVA Generator

Model: ADE/C1675D5



Generator Set Data

	50Hz	60Hz	POWER FACTOR	cos ϕ 0,8
VOLTAGE (V)	400/231V	480/231V	FUEL CAPACITY	6,850 L
RPM	1500	1800	FUEL CONSUMPTION @50%	167 L/PH
PRIME RATING	1500 kVA	N/A	@ 70%	238 L/PH
	12000	kwe N/A	@ 100%	309 L/PH
Applicable for supplying power to varying electrical load for unlimited hours. Prime Power (PRP) is in accordance with ISO 8528. Ten percent overload capacity is available in accordance with ISO 3046, AS 2789, DIN 6271 and BS5514.			BUNDED DAY TANK	✓
STANDBY RATING	1675 kVA	N/A	DIMENSIONS	12200mm (L)
	1340 kwe	N/A		3250mm (W)
Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source. Emergency Standby Power (ESP) is in accordance with ISO 8528. Fuel stop power in accordance with ISO 3046, AS 2789, DIN 6271 and BS5514.			WEIGHT	22000Kg (Without Fuel)
CONTINUOUS RATING	XXXX kVA	N/A		29000Kg (With Fuel)
	XXXX kwe	N/A	MAXIMUM OPERATING AMBIENT	40°C
Applicable for supplying power continuously to a constant electric load for unlimited hours. Continuous Power (COP) in accordance with ISO 8528, ISO 3046, AS 2789, DIN 6271 and BS 5514.			SOUND LEVEL	@ 100% load
INITIAL LOAD STEP AS PER ISO8528 G2		55%		75 dBa @1m
			LIFTING ARRANGEMENTS	
			4 x Top container corner blocks	Y
			4 x Bottom container corner blocks	Y

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Engine

	1500rpm
MODEL	CUMMINS KTA50-GS8
MAX POWER @ 50HZ	1287 KWm
STANDBY POWER	1429 KWm
ASPIRATION	TURBO & AFTERCOOLED
COOLING SYSTEM	WATER
SPEED GOVERNOR	ELECTRONIC
CYLINDERS NUMBER	V16
DISPLACEMENT	50.300 cm ³
BORE x STROKE	159 x 159mm

Control System

MODEL	PCC3100
CONTROL FUNCTIONS	
Manual Start	Y
Auto Start	Y
Set to Set Paralleling	Y
Utility Paralleling	X
AUXILIARY SUPPLY	
Voltage	240V 1Ø
Via Connection Type	32A C FORM
Battery Charger	Y
Coolant Heater	Y
Enclosure Lighting ac	Y
OUTPUT CIRCUIT BREAKER	
Make	SCHNEIDER
Model	NW25H1
Current Rating	2500 Amp
Motorised	Y
Trip Type	Micrologic 6.0P

Alternator

	1500rpm
MODEL	CUMMINS P1734C
MAXIMUM POWER @ 50HZ	1505kVA
MAX EFFICIENCY	XX %
EXCITER	BRUSHLESS + PMG
WIRES	6
SHORT-CIRCUIT CURRENT	-
POLES	4
INSULATION	CLASS H
VOLTAGE REGULATION	± 0,5%
PHASES	3+ N
PROTECTION	IP 23
AVR	PCC3100

