



GEN80CT

80 KVA

Diesel Generator

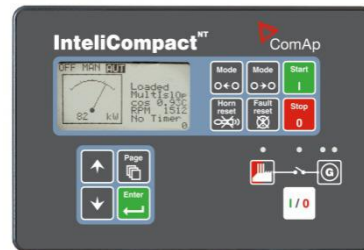
3 Phase 415V

MODEL	GEN80CT	
BRAND	Blue Diamond	
ALTERNATOR	STAMFORD UC1224G	
FREQUENCY	(Hz)	50
OUTPUT RATING	Continuous (KVA)	80
	Standby (KVA)	88
NO.OF PHASE	3 Phase, 4 Wire	
RATED VOLTAGE	V	240 / 415
POWER FACTOR	0.8 (Lagging)	
VOLTAGE REGULATION	%	+1
EXCITATION	Self Exciting	
INSULATION	Class H	
ENGINE		
MAKE & MODEL	Cummins 4BTA3.9-G11	
TYPE	Water Cooled, Turbo Charged Engine	
OUTPUT RATING	PS/Rpm	93/1500
	kW/min	70/1500
BORE x STROKE	mm	102x120mm
POSITION DISPLACEMENT	L	3.9
FUEL TYPE	DIESEL ASTM NO.2	
FUEL CONSUMPTION (Based on 75% Full load)	L/h	13.2
LUB OIL PUMP CAPACITY	L	10.9
COOLANT CAPACITY	L	8.3 (engine only)
BATTERY x QUANTITY	2x 60AH	
FUEL TANK CAPACITY	L	420
UNIT		
DIMENSIONS	Length (mm)	2500
	Width (mm)	1050
	Height (mm)	1750
DRY WEIGHT	Kg	1680
SOUND LEVEL	7m dB (A)	64

Features

- 50°C temperature rating
- Enclosed Silenced Canopy
- Powder coated finish
- Fork Points and centre lifting lug
- ABB Breakers
- 110% double banded base
- Emergency E stop
- Australian Compliant Wiring and M.E.N link
- Remote Start and ATS feature
- Site safe lockable canopy
- Pricing includes commissioning and pre delivery run in

Control Systems



The European IntelliGen ComAp Controller is an easy to use multi-generator loadshare system, designed to synchronise up to 32 generators. The IntelliGen ComAp Controller monitors the generator and indicates operational status and fault conditions, automatically starting or stopping the engine on load demand or fault condition. System alarms are displayed on the LCD screen (multiple language options are available), illuminated LED and audible sounder

Quality Standards

Our generator sets are compliant with all Australian Standards such as ISO8528, ISO14000, GB755, BS5000, VDE0530, ISO3046, IEC34-1, AS3000.

Warranty Policy

12 month, 1,000 hours

