



YGP45/YGP49.5E

45-49.5kVA
PERKINS POWERED DIESEL GENERATING SETS

GENERAL	
OUTPUT RATINGS	
50Hz, 380-415V	
YGP45	45KVA, 36KW
YGP44E	49.5kVA, 39.6KW
ENGINE	
MAKE	PERKINS
MODEL	1103A-33TG1
ALTERNATOR	
MAKE	MECC-ALTE
	ECO32-1L4



Illustrative Purposes only

TECHNICAL DATA

Engine Model	1103A-33TG1		YGP45	YGP49.5E
Number Of Cylinders	4	Fuel Cons: 100% Load l/hr	9.2	10.2
Cubic Capacity	4.4 Litres	Fuel Cons: 75% Load l/hr	7.1	7.7
Aspiration	Naturally Aspirated	Cooling Air Flow : m ³ /min	74.4	
Engine Speed (RPM)	1500	Exhaust Gas Flow : m ³ /min	8	
Fuel Tank Capacity	219 Litres	Exhaust Gas Temp : °C	523	

Rating Definitions

YGP45 Continuous power: There is no limitation to annual hours of operation and these models can supply a 10% overload for 1 in 12 hours

YGP49.5E Standby power: Ratings only applicable for supplying power in event of power failure. No overload is permitted on these ratings.

CONTROL PANEL



6110 Series DIGITAL control panel auto start module

The panel contains:

Back lit text LCD display

Voltmeter and Ammeter with combined tachometer/Frequency meter:

Automatic engine protections and shutdown for Low oil pressure and High engine temperature and overspeed

Engine preheat, battery voltage, remote start input etc

The module also has an events log (last 10 events)

DIMENSIONS AND WEIGHTS

Length Mm	Width Mm	Height Mm	Weight inc Lube Oil Kg	Weight inc Lube Oil & Coolant
1650	750	1340	980	1000

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