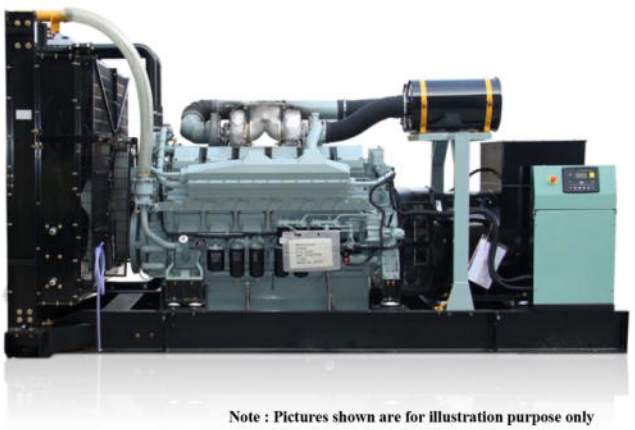
MODEL
TPM820T
INDUSTRIAL RANGE
Powered By MITSUBISHI

TRIDAYA SOLUSI ELEKTRINDO



Note : Pictures shown are for illustration purpose only

WATER-COOLED | THREE PHASE | 50 HZ | DIESEL

Generating Rates

SERVICE		PRP	STANDBY
Power	kVA	746	821
Power	kW	597	657
Rated Speed	r.p.m	1.500	
Standart Voltage	V	400	
Available Voltage	V	230 - 230/132	
Rated at power factor	Cos Phi	0.8	

Austin Power Company with quality certification ISO 9001
Austin Power gensets are compliant with EC mark which includes the following directives:

MITSUBISHI

STANDARDS:

Genset: GB/T2820—2009,ISO8528

Alternator: STAMFORD

Diesel Engine: MITSUBISHI , S12A2-PTA-C

Standby Power: Continues running at variable load for duration of an emergency. No overload is permitted on these ratings.

Prime Power: Continues running at variable load for unlimited periods with 10% overload available for 1 hour in any 12 hour period.

CONFIGURATION:

Standard: Engine, alternator, cooling system, Base frame (excluding fuel tank), shock absorber, air inlet system, control box (including mains floating charge), plastic fan blades (when the engine and water tank do not bring). **Optional:** Base frame (including fuel tank), water jacket heater, fuel water separator, fuel heater, fuel level sensor (only supporting underframe tank), switch box (with switch), power switch, the water level sensor, motor anti condensation heater, automatic fueling system (only supporting base frame including fuel tank), battery frame.

Accessories: Silencer, bellow, exhaust silencing system accessories (with the matching engine), regular battery, starting cord assembly, data of gen-set, random tool (with the matching engine.

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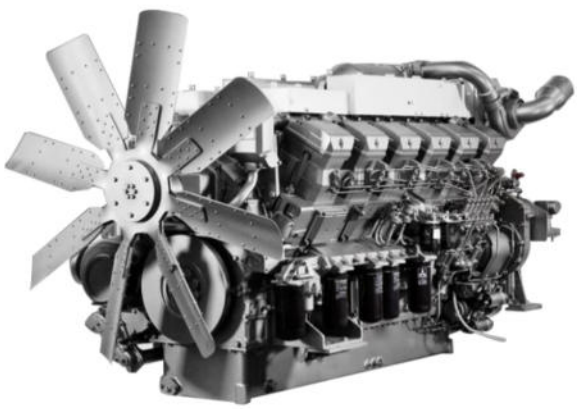
Engine Specifications

ENGINE		PRP STANDBY
Manufacturer		MITSUBISHI
Model		S12A2-PTA-C
Engine Type		4-stroke diesel
Number of cylinders and arrangement		12 / 60°V
Bore and Stroke	mm	150 mm × 160 mm
Displacement	L	33.93 L
Cooling System		Coolant
Lube Oil Specifications		Sae 3 class 15W40 / API grade CD,CF
Compression Ratio		14.5 : 1
Fuel Specifications		Diesel
Fuel Consumption 100% PRP		163 L / H
Total oil capacity		100 L
Total coolant capacity		132 L
Governor	Type	Electrical
Air Filter	Type	Dry



- Mitsubishi engines with high-strength design, working endurably, stably and reliably.
- Tolerance for impact resistance and output sufficient.
- Low fuel consumption, low vibration and noise, simple and low cost maintenance.

Note: All data sheets are for reference only and subject to change without prior notice.

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TRIDAYA
SOLUSI
ELEKTRINDO

Generator

Generator		
Manufacturer		STAMFORD
Poles	No.	4
Insulation	Class	H / H
Enclosure		IP23
Exciter system		PMG
A.V.R. Model		MX321
Coupling system		Direct

FEATURES

- Utilising wire-wound* (random-wound) technology
- Environment alternators are the industry benchmark for all generator set configurations.
- Brushless excitation with AVR
  IP21, IP22, IP23, IP44 enclosure protection.
- The ideal solution for marine/offshore, UPS, telecoms, basic and advanced protection, construction and other continuous or standby power applications.

STAMFORD

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TRIDAYA SOLUSI ELEKTRINDO

CONTROL PANEL MODEL

DEIF / DEEP SEA

Key benefits

- Ultimate size to feature ratio.
- Automatically transfers between mains (utility) and generator.
- Hours counter provides accurate information for monitoring and maintenance periods.
- User-friendly set-up and button layout for ease of use.
- Multiple parameters are monitored simultaneously which are clearly displayed on the largest back-lit icon display in its class.
- The module can be configured to suit a wide range of applications.
- Compatible with a wide range of CAN engines including Tier 4.
- IP65 rating (with optional gasket) offers increased resistance to water ingress.

Key features

- Auto Start and AMF mode in one module.
- J1939-75 support and CAN alarm ignore function.
- Alternator frequency & CAN speed sensing in one variant.
- Largest back-lit icon display in its class.
- Heated display option.
- Real time clock provides accurate event logging.
- Fully configurable via the fascia or PC using USB communication.
- Extremely efficient power save mode.
- 3 phase generator sensing.
- 3 phase mains (utility) sensing
- Compatible with 600 V ph to ph nominal systems.
- Generator/load power monitoring (kW, kVA, kVar, PF).
- Accumulated power monitoring (kWh, kVAh, kVarh).
- Generator overload protection.
- Generator/load current monitoring and protection.
- Fuel and start outputs (configurable when using CAN).
- 4 configurable DC outputs.
- 3 configurable analogue/digital inputs
- 4 configurable digital inputs.
- Configurable staged loading outputs.
- 3 engine maintenance alarms.
- Engine speed protection.
- Engine hours counter.
- Engine pre-heat.
- Engine run-time scheduler.
- Engine idle control for starting & stopping.
- Tier 4 engine instrumentation screens.
- Battery voltage monitoring.
- Start on low battery voltage.
- Configurable remote start input.
- 1 alternative configuration.
- Comprehensive warning, electrical trip or shutdown protection upon fault condition.
- LCD alarm indication.
- Event log (50)

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