

# Arun International

For Reliable Power

## **VOLVO PENTA POWERED 3 PHASE GENERATING SETS**

**All Arun Generating sets are manufactured to International Standards and renowned for their superior performance and reliability.**

**Based on years of experience, these generating sets provide the benefits of low fuel consumption, low maintenance and flexible options.**



### **STANDARD GENERATING SET SPECIFICATION**

The generating set is supplied complete with the following equipment:

- Modern High Performance 4 stroke diesel engine proven in operation with excellent fuel economy
- Water cooling radiator
- Single bearing three phase alternator of International repute
- Engine and alternator directly coupled and mounted on flexible mountings
- Fabricated steel base frame
- 8 hour full load running capacity fuel tank fitted in the base frame
- Engine starter motor and battery charger
- Heavy duty lead acid starting battery with terminal leads
- Industrial silencer, supplied loose
- Flexible exhaust section, supplied loose
- Manual start control panel fitted with:  
3 x Ammeters, 1 x Voltmeter and Selector switch, Frequency/rpm meter, Hours run meter, Key-start module, Circuit Breaker. Alarms and Shutdown for Low oil pressure, High engine temperature, Over-speed, Fail to start.
- Operators instruction and maintenance manual
- Wiring diagrams



### **APPLICATIONS**

Volvo generating sets are ideal for the following applications where you can depend on its reliability, easy maintenance and worldwide support:

- Industrial Power –Mains and Standby
- Telecoms and ISP – Electronic Governors are either standard or a low cost option
- Contracting Plant
- Oil and Gas

## GENERATING SET GENERAL TECHNICAL DATA

Arun Model	Engine Type	50 Hz				60 Hz				Length A (mm)	Width B (mm)	Height C (mm)	Weight (Kgs)
		Prime (PRP)		Standby (LTP)		Prime (PRP)		Standby (LTP)					
		kVA	kW	kVA	kW	kVA	kW	kVA	kW				
V0085	TD520GE	85	68	94	75	88	70	96	77	2200	800	1400	1400
V0100	TAD520GE	100	80	109	87	105	84	115	92	2200	800	1400	1450
V0130	TD720GE	130	104	142	114	132	106	146	117	2400	850	1600	1600
V0151	TAD720GE	152	122	167	134	161	129	177	142	2400	850	1600	1650
V0185	TWD710G	182	146	206	165	191	153	225	180	2500	850	1600	1970
V0186	TAD721GE	186	149	206	165	206	165	226	181	2500	850	1600	1970
V0206	TAD722GE	206	165	226	181	226	181	250	200	2500	850	1600	1970
V0205	TWD740GE	208	166	229	183	238	190	262	210	2500	850	1600	1970
V0250	TAD740GE	253	202	278	222	262	210	289	231	2700	850	1600	2200
V0300	TAD1032GE	305	244	336	269	300	240	330	264	3000	1050	1850	2580
V0329	TAD1240GE	329	263	362	290	349	279	384	307	3000	1050	1850	2580
V0375	TAD1241GE	375	300	412	330	400	320	439	351	3200	1100	1850	2816
V0400	TAD1242GE	409	327	450	360	455	364	500	400	3200	1100	1850	2816
V0463	TAD1630GE	470	376	517	414	515	412	566	453	3200	1100	1850	2816
V0505	TAD1631GE	511	409	562	450	579	463	642	514	3220	1261	1780	2900

All ratings data based upon operation at up to 40°C, 1000m.a.s.l. and 60% relative humidity. Above these, derates may apply.  
kVA Ratings based on 0.8 power factor.

**Prime power** – Power available at variable load in lieu of main power network. An overload of 10% is permitted for one hour in every twelve hours of operation.

**Standby Power** – Power available at variable load in the event of a main power network failure. No overload is permitted.

### Optional Equipment

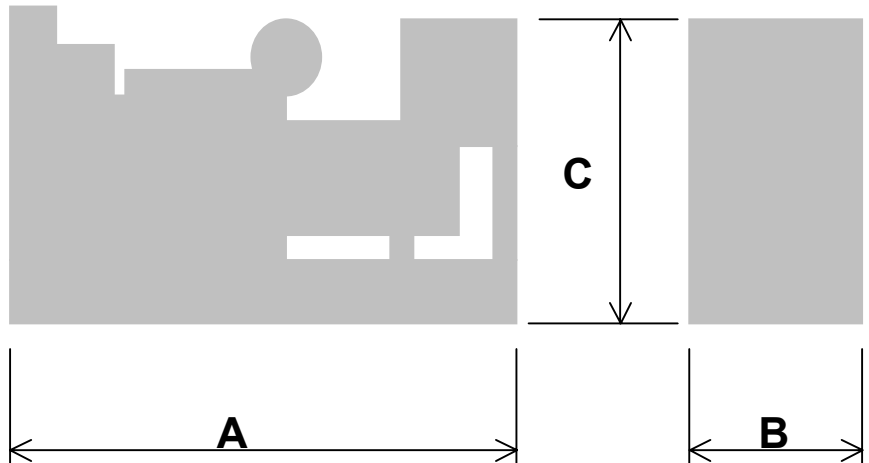
#### Mechanical

- Weatherproof enclosures
- Acoustic enclosures (from 85dBA @ 1 metre - 65dBA @ 1 metre)
- External fuel oil storage tanks
- Fuel transfer pumps
- Exhaust silencers: Residential, Super silenced, Spark arrestor
- Acoustic silencers for mounting in generating set rooms
- Trailers for towing on construction sites, main highways

#### Electrical

- Emergency Stop Button
- Jacket Water Heaters
- Remote start electric control panels
- Automatic Mains Failure control panels
- Automatic and Manual Transfer switches

### Dimensions



For further information on complete range of mechanical and electrical options please contact our U.K. Sales Office or Agent in your local country.

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