



TEKSAN DIESEL GENERATING SET

230/400 V 50 Hz - 1500 rpm

GEN-SET MODEL		TJ22VM	TJ25VM	TJ35VM	
GEN-SET POWER RATING					
*Stand-by Power	kVA	22	25	35	
**Prime Power	kVA	20	23	32	
* Standby Power available a variable load in the event of a main power network failure. No overload is permitted.					
** Prime 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.					
DIMENSIONS W x L x H					
Open Skid	mm	750x1600x1053	750x1600x1053	750x1850x1140	
Canopied	mm	900x2200x1570	900x2200x1570	900x2600x1570	
FUEL TANK CAPACITY					
Open Skid	lt	95	95	119	
Canopied	lt	96	96	120	
WEIGHT					
Open Skid	kg	678	688	796	
Canopied	kg	852	862	1096	
ENGINE					
Manufacturer		VAMO	VAMO	VAMO	
Origin		BULGARIA	BULGARIA	BULGARIA	
Model		D2500G	D2500G	D3900G	
Governor Type		Mechanical	Mechanical	Mechanical	
Speed		1500	1500	1500	
Net Stand-by Power	kWm	24,2	24,2	41,6	
Net Prime Power	kWm	22	22	37,8	
Cylinder number and config.		In line - 3	In line - 3	In line - 4	
Bore/Stroke	mm	91/127	91/127	98/127	
Displacement	lt	2,50	2,50	3,90	
Compression ratio		18,5	18,5	16,0	
Aspiration		Naturally aspirated	Naturally aspirated	Naturally aspirated	
Cooling		Water Cooled	Water Cooled	Water Cooled	
Electrical system	V	12	12	12	
Fuel Consumption at full load	lt/h	5,1	5,6	7,3	
Lub.Oil Capacity	lt	6	6	8	
Coolant Capacity with radiator	lt	13	13	17,5	
ALTERNATOR					
Manufacturer		MARELLI	MARELLI	MARELLI	
Origin		ITALY	ITALY	ITALY	
Model		MJB160SC4	MJB160SC4	MJB160MB4	
Stand By Power	kVA	22	25	35	
Power Factor		0,8	0,8	0,8	
Efficiency	%	84,2	87,5	88,3	
Number of Bearing		Single	Single	Single	
Leads Number		12	12	12	
Voltage	V	230/400	230/400	230/400	
Voltage Regulation Accuracy		±1%	±1%	±1%	
Frequence	Hz	50	50	50	
Insulation Class		H	H	H	
Protection		IP23	IP23	IP23	
Excitation System		Brushless, AVR	Brushless, AVR	Brushless, AVR	
Connection		Star	Star	Star	
All ratings data based on operation under ISO 3046 conditions using typical fan sizes and drive ratios. For operation outside of these conditions please consult to					
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230/400 V 50 Hz - 1500 rpm

GEN-SET MODEL		TJ46VM	TJ66VM	
GEN-SET POWER RATING				
*Stand-by Power	kVA	46	66	
**Prime Power	kVA	42	60	
* Standby Power available a variable load in the event of a main power network failure. No overload is permitted.				
** Prime 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.				
DIMENSIONS W x L x H				
Open Skid	mm	750x1850x1140	750x1850x1140	
Canopied	mm	900x2600x1570	900x2600x1570	
FUEL TANK CAPACITY				
Open Skid	lt	119	119	
Canopied	lt	120	120	
WEIGHT				
Open Skid	kg	826	881	
Canopied	kg	1126	1181	
ENGINE				
Manufacturer		VAMO	VAMO	
Origin		BULGARIA	BULGARIA	
Model		D3900G	DT3900G	
Governor Type		Mechanical	Mechanical	
Speed		1500	1500	
Net Stand-by Power	kWm	41,6	59	
Net Prime Power	kWm	37,8	53,5	
Cylinder number and config.		In line - 4	In line - 4	
Bore/Stroke	mm	98/127	98/127	
Displacement	lt	3,90	3,90	
Compression ratio		16,0	16	
Aspiration		Naturally aspirated	Turbocharged	
Cooling		Water Cooled	Water Cooled	
Electrical system	V	12	12	
Fuel Consumption at full load	lt/h	10,2	15,6	
Lub.Oil Capacity	lt	8	8,5	
Coolant Capacity with radiator	lt	17,5	17,5	
ALTERNATOR				
Manufacturer		MARELLI	MARELLI	
Origin		ITALY	ITALY	
Model		MJB200SA4	MJB200MA4	
Stand By Power	kVA	46	68	
Power Factor		0,8	0,8	
Efficiency	%	88,5	90,1	
Number of Bearing		Single	Single	
Leads Number		12	12	
Voltage	V	230/400	230/400	
Voltage Regulation Accuracy		±1%	±1%	
Frequence	Hz	50	50	
Insulation Class		H	H	
Protection		IP23	IP23	
Excitation System		Brushless, AVR	Brushless, AVR	
Connection		Star	Star	
All ratings data based on operation under ISO 3046 conditions using typical fan sizes and drive ratios. For operation outside of these conditions please consult to				
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