

Engine for Marine Generator

Model		S6R-T2MPTK	S6R2-T2MPTK	S12A2-T2MPTK
Max. output	50 Hz	545 kW / 1500 rpm	640 kW / 1500 rpm	709 kW / 1500 rpm
	60 Hz	635 kW / 1800 rpm	500 kW / 1200 rpm	828 kW / 1800 rpm
EIAPP (D2 mode)		IMO2	IMO2	IMO2
No. of cylinder		6	6	12
Piston Bore	mm	170	170	150
Piston Stroke	mm	180	220	160
Total Piston Displacement	liter	24.51	29.96	33.93
Flywheel	SAE	18 inch	18 inch	18 inch
Flywheel housing	SAE	No. 0	No. 0	No. 0
Fuel injection pump		Original PS	Original PS	Bosch type
Governor type		Hydraulic	Hydraulic	Hydraulic
Capacity of starting motor	pc-kW	1-7.5	1-7.5	2-7.5
Recommended battery size	AH	200	200	400
Lube oil capacity (Oil pan)	liter	140	150	160
Fresh water capacity (Engine)	liter	120	120	152
L x W x H	mm	2212 x 1201.5 x 1615	2111 x 1183 x 1684.5	2438.5 x 1482 x 1595.5
Dry weight	kg	2950	3100	3720

Model		S12R-T2MPTK	S16R-T2MPTK	S16R2-T2MPTK
Max. output	50 Hz	1120 kW / 1500 rpm	1500 kW / 1500 rpm	1960 kW / 1500 rpm
	60 Hz	1270 kW / 1800 rpm	1690 kW / 1800 rpm	1590 kW / 1200 rpm
EIAPP (D2 mode)		IMO2	IMO2	IMO2
No. of cylinder		12	16	16
Piston Bore	mm	170	170	170
Piston Stroke	mm	180	180	220
Total Piston Displacement	liter	49.03	65.37	79.90
Flywheel	SAE	21 inch	21 inch	21
Flywheel housing	SAE	No. 00	No. 00	No. 00
Fuel injection pump		Original PS	Original PS	Original PS
Governor type		Hydraulic	Hydraulic	Electric
Capacity of starting motor	pc-kW	2-7.5	2-7.5	2-7.5
Recommended battery size	AH	400	400	400
Lube oil capacity (Oil pan)	liter	230	290	290
Fresh water capacity (Engine)	liter	227	280	280
L x W x H	mm	2556.5 x 1622 x 1727.5	3086 x 1622 x 1960	2946 x 1525 x 2029
Dry weight	kg	5500	7000	7750

*4 stroke cycle, Water cooled, Diesel engine. Direct injection, Turbocharged with intercooler

*Fuel oil : Diesel fuel oil (ISO 8217 DMX)

*Starting system : Electric motor (DC24V earth float type)

*Lubricating system : Forced lubrication by engine gear pump

*Lubricating oil : API service grade CF class