

# 2000W to 6500W Power Generator

# IWATA

Air-cooled Diesel Generator



Model	SDG6500L SDG6500E SDG6500S SDG6500SA	SDG6500LH SDG6500EH SDG6500SH SDG6500SB	SDG7500LM SDG7500EM SDG7500SM / SMA / SMB	SDG7500LMH SDG7500EMH
Frequency( Hz)	50	60	50	60
Rated voltage (V)	230	240/120	230	240/120
Max. AC output (kVA)	5.5	6	6	6.5
Rated AC output (kVA)	5	5.5	5.5	6
Rated AC current(A)	21.7	22.9/45.8	23.9	25/50
Engine speed(rpm)	3000	3600	3000	3600
DC output(V-A)	12V/8.3A		12V/8.3A	
Power factor (cosφ)	1		1	
Phase	Single-phase		Single-phase	
Insulation class	B		B	
Excitation system		(AVR)	Permanent magnet	
Low oil shutdown	Automatic		Automatic	
Running time(Hours)		SDG6500L/LH/E/EH:10 SDG6500S/SH/SA/SB:12 SDG6500L/LH/E/EH:12.5 SDG6500S/SH/SA/SB:15		SDG7500LM/LMH/EM/EMH:10 SDG7500SM/SMA/SMB:12 SDG7500LM/LMH/EM/EMH: 12.5 SDG7500SM/SMA/SMB:15
Fuel tank capacity (L)				
Lube oil capacity (L)	1.65		1.65	
Noise @ 7 meter(dB)	SDG6500L/LH/E/EH:80 SDG6500S/SH/SA/SB:70 SDG6500L/LH:SD186A	SDG6500E/EH:SD186AE SDG6500S/SH/SA/SB:SD186AE	SDG7500LM/LMH/EM/EMH:80 SDG7500SM/SMA/SMB:70 SDG7500LM/LMH:SD186A	SDG7500EM/EMH:SD186AE SDG7500SM/SMA/SMB:SD186AE
Engine				
Engine type	4-stroke, Air-cooled, Diesel engine			
Starting system	SDG6500L/LH:Recoil SDG6500E/EH:Recoil/Electric SDG6500S/SH/SA/SB: Electric		SDG7500LM/LMH:Recoil SDG7500EM/EH: Recoil/Electric SDG7500SM/SMA/SMB:Electric	
Dry weight (kg)	SDG6500L/LH:95 SDG6500E/EH:100 SDG6500S/SH:171 SDG6500SA/SB:171		SDG7500LM/LMH:95 SDG7500EM/EMH:100 SDG7500SM:175 SDG7500SMA/SMB:175	
Overall dimension (L*W*H )mm	SDG6500L:720×480×645 SDG6500LH:720×480×645 SDG6500E:720×480×645 SDG6500EH:720×480×645 SDG6500S/SH: 910×520×740 SDG6500SA/SB: 965×570×750		SDG7500LM:720×492×650 SDG7500LMH:720×492×650 SDG7500EM:720×492×650 SDG7500EMH:720×492×650 SDG7500SM:980×580×770 SDG7500SMA:980×580×770 SDG7500SMB:980×580×770	