

PORTABLE SILENT DIESEL GENERATOR

4.5-15KW | 5.6KVA-18.8KVA

Engineered Silence, Empowered Productivity



SILENT DIESEL GENERATOR

4.5KW-15KW / 5.6KVA-18.8KVA



ITC Power specialize in designing and producing portable silent diesel generators with advanced noise-reduction technology and high-efficiency engines.





SILENT DIESEL GENERATOR

4.5KW-15KW / 5.6KVA-18.8KVA

We specialize in designing and producing quiet portable diesel generators with advanced noise-reduction technology and high-efficiency engines.

Built for reliability, our generators feature smart fuel management and low-emission technology, the engine is enclosed in a soundproof canopy and designed to be quieter, making it ideal for a variety of environments where noise reduction is required or desirable.

TECHNICAL DATA



Model		DG6000SE		DG6000SE-3	
Frequency	Hz	50	60	50	60
Rated Power		4.5kw		5.6kva	
Max.Power		5.3kw		6.6kva	
Voltage	V	230	110 / 220	230 / 400	127 / 220
Current	A	23	24.1	9.5	17.3
Plugs		16A & 32A	20A & 30A	16A & 16A	20A & 30A
Display		LED3 / LED5		LED3 / LED5	
Fuel Tank Capacity	L	13		13	
Running Time @75% Load	H	9.5		9.5	
Sound Level @ 7m	dB(A)	72		72	
Battery	V/Ah	12 / 30		12 / 30	
ENGINE		D400E		D400E	
Engine Type		Diesel		Diesel	
Power	hp	10		10	
Start		Electric		Electric	
Displacement	CC	418		418	
Oil Capacity	L	1.65		1.65	
ALTERNATOR		AL5		AL5-3	
Power	kw	5		5	
Power Factor		1		0.8	
Voltage Regulation		Brush / AVR		Brush / AVR	
DIMENSIONS & WEIGHT					
Net Weight	kg	154		153	
Gross Weight	kg	162		161	
Machine Size	mm	920×520×740		920×520×740	
Loading Capacity FCL20'/40'HQ		48/144		48/144	

TECHNICAL DATA



Model		DG8500SE		DG8500SE-3		DG8500SE-T	
Frequency	Hz	50	60	50	60	50	60
Rated Power		5.5kw		6.9kva		5kw/6.9kva	
Max.Power		6.3kw		7.9kva		5.8kw/7.9kva	
Voltage	V	230	110/220	230/400	127/220	230/400	220/380
Current	A	27.4	28.6	11.4	20.7	25.2/11.4	26.3/12
Plugs		16A & 32A	20A & 30A	16A & 16A	20A & 30A	16A & 32A	30A & 30A
Display		LED3 / LED5		LED3 / LED5		LED3 / LED5	
Fuel Tank Capacity	L	13		13		13	
Running Time @75% Load	H	7		7		7	
Sound Level @ 7m	dB(A)	72		72		72	
Battery	V/Ah	12/30		12/30		12/30	
ENGINE		D500E		D500E		D500E	
Engine Type		Diesel		Diesel		Diesel	
Power	hp	12		12		12	
Start		Electric		Electric		Electric	
Displacement	CC	498		498		498	
Oil Capacity	L	1.75		1.75		1.75	
ALTERNATOR		AL6		AL6-3		AL6-T	
Power	kw	6		6		6	
Power Factor		1		0.8		1/0.8	
Voltage Regulation		Brush / AVR		Brush / AVR		Brush / AVR	
DIMENSIONS & WEIGHT							
Net Weight	kg	155		155		159	
Gross Weight	kg	163		163		166	
Machine Size	mm	920×520×740		920×520×740		920×520×740	
Loading Capacity FCL20'/40'HQ		48/144		48/144		48/144	

Silent Diesel Generator

TECHNICAL DATA



Model		DG8600SE		DG8600SE-3		DG8600SE-T	
Frequency	Hz	50	60	50	60	50	60
Rated Power		5.5kw		6.9kva		5kw/6.9kva	
Max.Power		6.3kw		7.9kva		5.8kw/7.9kva	
Voltage	V	230	110/220	230/400	127/220	230/400	220/380
Current	A	27.4	26.4	11.4	19.2	25.2/11.4	26.3/12
Plugs		16A & 32A	20A & 30A	16A & 16A	20A & 30A	16A & 32A	30A & 30A
Display		LED3 / LED5		LED3 / LED5		LED3 / LED5	
Fuel Tank Capacity	L	13		13		13	
Running Time @75% Load	H	7		7		7	
Sound Level @ 7m	dB(A)	72		72		72	
Battery	V/Ah	12/30		12/30		12/30	
ENGINE		D500E		D500E		D500E	
Engine Type		Diesel		Diesel		Diesel	
Power	hp	12		12		12	
Start		Electric		Electric		Electric	
Displacement	CC	498		498		498	
Oil Capacity	L	1.75		1.75		1.75	
ALTERNATOR		AL6		AL6-3		AL6-T	
Power	kw	6		6		6	
Power Factor		1		0.8		1/0.8	
Voltage Regulation		Brush / AVR		Brush / AVR		Brush / AVR	
DIMENSIONS & WEIGHT							
Net Weight	kg	155		155		162	
Gross Weight	kg	163		163		170	
Machine Size	mm	920×520×720		920×520×720		920×520×720	
Loading Capacity FCL20'/40'HQ		48/144		48/144		48/144	

Silent Diesel Generator

TECHNICAL DATA



Model		DG8700SE		DG8700SE-3		DG8700SE-T	
Frequency	Hz	50	60	50	60	50	60
Rated Power		5.5kw		6.9kva		5kw/6.9kva	
Max.Power		6.3kw		7.9kva		5.8kw/7.9kva	
Voltage	V	230	110/220	230/400	127/220	230/400	220/380
Current	A	27.4	26.4	11.4	19.2	25.2/11.4	26.3/12
Plugs		16A & 32A	20A & 30A	16A & 16A	20A & 30A	16A & 32A	30A & 30A
Display		LED3 / LED5		LED3 / LED5		LED3 / LED5	
Fuel Tank Capacity	L	13		13		13	
Running Time @75% Load	H	7		7		7	
Sound Level @ 7m	dB(A)	72		72		72	
Battery	V/Ah	12/30		12/30		12/30	
ENGINE		D500E		D500E		D500E	
Engine Type		Diesel		Diesel		Diesel	
Power	hp	12		12		12	
Start		Electric		Electric		Electric	
Displacement	CC	498		498		498	
Oil Capacity	L	1.75		1.75		1.75	
ALTERNATOR		AL6		AL6-3		AL6-T	
Power	kw	6		6		6	
Power Factor		1		0.8		1/0.8	
Voltage Regulation		Brush / AVR		Brush / AVR		Brush / AVR	
DIMENSIONS & WEIGHT							
Net Weight	kg	155		155		162	
Gross Weight	kg	163		163		170	
Machine Size	mm	920×520×720		920×520×720		920×520×720	
Loading Capacity FCL20'/40'HQ		48/144		48/144		48/144	

Silent Diesel Generator

TECHNICAL DATA



Model		DG10000SE		DG10000SE-3		DG10000SE-T	
Frequency	Hz	50	60	50	60	50	60
Rated Power		8kw		10kva		7.2kw/10kva	
Max.Power		8.5kw		10.6kva		7.6kw/10.6kva	
Voltage	V	230	110/220	230/400	127/220	230/400	220/380
Current	A	35	38.6	14.4	27.8	31/14.4	34.5/16.1
Plugs		16A & 32A	20A & 30A	16A & 16A	20A & 30A	32A & 16A	50A & 30A
Display		LED6		LED6		LED6	
Fuel Tank Capacity	L	25		25		25	
Running Time @75% Load	H	10		10		10	
Sound Level @ 7m	dB(A)	72		72		72	
Battery	V/Ah	12/36		12/36		12/36	
ENGINE		D680E		D680E		D680E	
Engine Type		Diesel		Diesel		Diesel	
Power	hp	14.4		14.4		14.4	
Start		Electric		Electric		Electric	
Displacement	CC	678		678		678	
Oil Capacity	L	2.4		2.4		2.4	
ALTERNATOR		AL8		AL8-3		AL8-T	
Power	kw	8		6		6	
Power Factor		1		0.8		1/0.8	
Voltage Regulation		Brush / AVR		Brush / AVR		Brush / AVR	
DIMENSIONS & WEIGHT							
Net Weight	kg	225		225		225	
Gross Weight	kg	240		240		240	
Machine Size	mm	1080×570×750		1080×570×750		1080×570×750	
Loading Capacity FCL20'/40'HQ		36/114		36/114		36/114	

Silent Diesel Generator

TECHNICAL DATA



Model		DG10500SE		DG10500SE-3		DG10500SE-T	
Frequency	Hz	50	60	50	60	50	60
Rated Power		8kw		10kva		7.2kw/10kva	
Max.Power		8.5kw		10.6kva		7.6kw/10.6kva	
Voltage	V	230	110/220	230/400	127/220	230/400	220/380
Current	A	35	38.6	14.4	27.8	31/14.4	34.5/16.1
Plugs		16A & 32A	20A & 30A	16A & 16A	20A & 30A	32A & 16A	50A & 30A
Display		LED6		LED6		LED6	
Fuel Tank Capacity	L	25		25		25	
Running Time @75% Load	H	10		10		10	
Sound Level @ 7m	dB(A)	72		72		72	
Battery	V/Ah	12/36		12/36		12/36	
ENGINE		D680E		D680E		D680E	
Engine Type		Diesel		Diesel		Diesel	
Power	hp	14.4		14.4		14.4	
Start		Electric		Electric		Electric	
Displacement	CC	678		678		678	
Oil Capacity	L	2.4		2.4		2.4	
ALTERNATOR		AL8		AL8-3		AL8-T	
Power	kw	8		6		6	
Power Factor		1		0.8		1/0.8	
Voltage Regulation		Brush / AVR		Brush / AVR		Brush / AVR	
DIMENSIONS & WEIGHT							
Net Weight	kg	225		225		225	
Gross Weight	kg	240		240		240	
Machine Size	mm	1080×570×750		1080×570×750		1080×570×750	
Loading Capacity FCL20'/40'HQ		36/114		36/114		36/114	

Silent Diesel Generator

TECHNICAL DATA



Model		DG14000SE		DG14000SE-3		DG14000SE-T	
Frequency	Hz	50	60	50	60	50	60
Rated Power		10kw		12.5kva		9kw/12.5kva	
Max.Power		11kw		13.8kva		10kw/13.8kva	
Voltage	V	230	110/220	230/400	127/220	230/400	220/380
Current	A	47.8	50	19.9	35.4	43.5/19.9	45.2/20.5
Plugs		16A & 63A	50A & 30A	32A & 16A	30A & 50A	63A & 32A	50A & 30A
Display		LED6		LED6		LED6	
Fuel Tank Capacity	L	27		27		27	
Running Time @75% Load	H	8		8		8	
Sound Level @ 7m	dB(A)	72		72		72	
Battery	V/Ah	12/45		12/45		12/45	
ENGINE		DV920E		DV920E		DV920E	
Engine Type		Diesel		Diesel		Diesel	
Power	hp	18		18		18	
Start		Electric		Electric		Electric	
Displacement	CC	912		912		912	
Oil Capacity	L	2.8		2.8		2.8	
ALTERNATOR		AL12		AL12-3		AL12-T	
Power	kw	12		12		12	
Power Factor		1		0.8		1/0.8	
Voltage Regulation		Brush / AVR		Brush / AVR		Brush / AVR	
DIMENSIONS & WEIGHT							
Net Weight	kg	290		290		290	
Gross Weight	kg	310		310		310	
Machine Size	mm	1020x660x850		1020x660x850		1020x660x850	

Silent Diesel Generator

TECHNICAL DATA



Model		DG16000SE		DG16000SE-3		DG16000SE-T	
Frequency	Hz	50	60	50	60	50	60
Rated Power		12kw		15kva		11kw/15kva	
Max.Power		13kw		16.3kva		12kw/16.3kva	
Voltage	V	230	110/220	230/400	127/220	230/400	220/380
Current	A	52.2	54.5	21.7	39.3	47.8/21.7	52.2/21.7
Plugs		16A & 63A/16A	50A & 30A	32A & 16A/16A	30A & 50A	63A & 32A/16A	50A & 30A
Display		LED6		LED6		LED6	
Fuel Tank Capacity	L	46		46		46	
Running Time @75% Load	H	10		10		10	
Sound Level @ 7m	dB(A)	72		72		72	
Battery	V/Ah	12/45		12/45		12/45	
ENGINE		DV1000E		DV1000E		DV1000E	
Engine Type		Diesel		Diesel		Diesel	
Power	hp	20.4		20.4		20.4	
Start		Electric		Electric		Electric	
Displacement	CC	997		997		997	
Oil Capacity	L	3.5		3.5		3.5	
ALTERNATOR		AL12		AL12-3		AL12-T	
Power	kw	12		12		12	
Power Factor		1		0.8		1/0.8	
Voltage Regulation		Brush / AVR		Brush / AVR		Brush / AVR	
DIMENSIONS & WEIGHT							
Net Weight	kg	315		315		315	
Gross Weight	kg	343		343		343	
Machine Size	mm	1120×680×930		1120×680×930		1120×680×930	

Silent Diesel Generator

TECHNICAL DATA



Model		DG20000SE		DG20000SE-3		DG20000SE-T	
Frequency	Hz	50	60	50	60	50	60
Rated Power		14kw		17.5kva		13kw/17.5kva	
Max.Power		15kw		18.8kva		14kw/18.8kva	
Voltage	V	230	110/220	230/400	127/220	230/400	220/380
Current	A	65.2	72.7	27.1	52.4	60.8/27.1	68.2/30.3
Plugs		32A & 63A/16A	20A & 30A	32A & 16A/16A	30A & 50A	63A & 32A/16A	50A & 30A
Display		LED6		LED6		LED6	
Fuel Tank Capacity	L	46		46		46	
Running Time @75% Load	H	9		9		9	
Sound Level @ 7m	dB(A)	72		72		72	
Battery	V/Ah	12/45		12/45		12/45	
ENGINE		DV1250E		DV1250E		DV1250E	
Engine Type		Diesel		Diesel		Diesel	
Power	hp	25.8		25.8		25.8	
Start		Electric		Electric		Electric	
Displacement	CC	1247		1247		1247	
Oil Capacity	L	3.5		3.5		3.5	
ALTERNATOR		AL15		AL15-3		AL15-T	
Power	kw	15		15		15	
Power Factor		1		0.8		1/0.8	
Voltage Regulation		Brush / AVR		Brush / AVR		Brush / AVR	
DIMENSIONS & WEIGHT							
Net Weight	kg	334		334		334	
Gross Weight	kg	357		357		357	
Machine Size	mm	1020×680×930		1020×680×930		1020×680×930	

Silent Diesel Generator

TECHNICAL DATA



Model		DG12000XSEm	DG12000XSE	DG12000XSE-T
Frequency	Hz	50	50	50
Rated Power		9kw	11.4kva	9kw/11.4kva
Max.Power		10kw	12.5kva	10kw/12.5kva
Voltage	V	230	230/400	230/400
Current	A	39	16	39/16
Control Voltage	DC/V	12	12	12
Display		DC30	DC30	DC30
Fuel Tank Capacity	L	30	30	30
Fuel Consumption	L/Hour	4.2	4.2	4.2
Sound Level @ 7m	dB(A)	75	75	75
Battery	Ah	45	45	45
ENGINE		EV80	EV80	EV80
Fuel Type		Diesel	Diesel	Diesel
Structure		2 cylinder,V type	2 cylinder,V type	2 cylinder,V type
Power	kw	12	12	12
Governor		Electrical	Electrical	Electrical
Displacement	CC	794	794	794
Cooling		Water	Water	Water
SAE		J1349	J1349	J1349
Alternator Model		KT-10	KT-10	KT-10
AVR Model		Capacitance	Capacitance	Capacitance
DIMENSIONS & WEIGHT				
Net Weight	kg	318	318	318
Machine Size	mm	1360x650x980	1360x650x980	1360x650x980

Silent Diesel Generator



DIESEL INVERTER GENERATOR

6KW-8.5KW / 7.6KVA-10.6KVA

Our diesel inverter generator provides reliable fuel-efficient power with stable output, ensuring seamless performance for home, outdoor and industrial use.

With its advanced inverter technology, it provides clean power for delicate devices, guaranteeing dependable, silent performance for a range of uses.

Diesel Inverter Generator

TECHNICAL DATA



DG9000SEi with lithium battery

Model		DG9000SEi	DG9000SEi-T
Frequency	Hz	50/60	50/60
Rated Power		6kw	6kw/7.6kva
Max.Power		6.5kw	6.5kw/8.1kva
Voltage	V	230	230/400
Current	A	26.1	26.1/11
Plugs		32A & 16A	32A & 16A
Display		LED6	LED6
Fuel Tank Capacity	L	15	15
Running Time @75% Load	H	7.8	7.8
Battery	V/Ah	12V 4Ah/30Ah	12V 4Ah/30Ah
ENGINE		D500EI	D500EI
Engine Type		Diesel	Diesel
Power	hp	11	11
Start		Electric	Electric
Displacement	CC	498	498
Oil Capacity	L	1.75	1.75
ALTERNATOR		AL-7	AL-7-3
Power	kw	7	7
Power Factory		1	0.8
Voltage Regulation		PMG	PMG
DIMENSIONS & WEIGHT			
Net Weight	kg	143	143
Gross Weight	kg	151	151
Machine Size	mm	800×525×740	800×525×740
Packaging Size	mm	840×565×850	840×565×850

TECHNICAL DATA



Model		DG10000SEi	DG10000SEi-T
Frequency	Hz	50/60	50/60
Rated Power		8kw	8kw/10kva
Max.Power		8.5kw	8.5kw/10.6kva
Voltage	V	230	230/400
Current	A	34.7	34.7/14.4
Plugs		32A & 16A	32A & 16A
Display		LED6	LED6
Fuel Tank Capacity	L	25	25
Running Time @75% Load	H	10.4	10.4
Battery	V/Ah	12V 6Ah/36Ah	12V 6Ah/36Ah
ENGINE		D680E	D680E
Engine Type		Diesel	Diesel
Power	hp	14.4	14.4
Start		Electric	Electric
Displacement	CC	678	678
Oil Capacity	L	2	2
ALTERNATOR		AL-9	AL-9-3
Power	kw	9	9
Power Factory		1	0.8
Voltage Regulation		PMG	PMG
DIMENSIONS & WEIGHT			
Net Weight	kg	180	180
Gross Weight	kg	195	195
Machine Size	mm	930×570×700	930×570×700
Packaging Size	mm	970×610×880	970×610×880

ACCESSORIES

Canopy



30Ah battery



36Ah battery



4Ah Lithium battery



Fan



Temperature sensor to stop



25L big fuel tank

Control panel



LED5

Voltage AC
Power output
Frequency
Current
Working time



LED6

Voltage AC
Power output
Frequency
Battery voltage
Current
Working time



D30 (ATS)
Smart controller



ATS/AUTO
module

Engine



NSK bearing



Euro5 catalyst



Preheater



THD≤5%

Alternator



Remote Control 300m



ATS Box



UNMATCHED SUPPORT FOR YOUR POWER NEEDS

24/7 SUPPORT, ALWAYS BY YOUR SIDE

You're never far away from ITCPower. We are always ready to provide sales and after-sales support.

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Learn more from videos



***ITC*Power**

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