iTcPower
empower your business

OPEN TYPE DIESEL GENERATOR

4.5-14KW | 5.6KVA-18.8KVA

Engineered Silence, Empowered Productivity

OPEN TYPE DIESEL GENERATOR

4.5KW-14KW / 5.6KVA-18.8KVA

Open type diesel generators provide reliable, compact solutions for residential backup, construction sites, and portable energy needs.

Appearance

Model		DG6000LE		DG6000LE-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	10		10	
Running Time @75% Load	H	7		7	
Sound Level @ 7m	dB(A)	79		79	
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 Factory		1		0.8	
Voltage Regulation		Brush / AVR		Brush / AVR	
DIMENSIONS & WEIGHT					
Net Weight	kg	107		107	
Gross Weight	kg	111.5		111.5	
Machine Size	mm	720×480×600		720×480×600	
Loading Capacity FCL20'/40'HQ		99/288		99/288	

TECHNICAL DATA

Model		DG8500LE		DG8500LE-3		DG8500LE-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	10		10		10	
Running Time @75% Load	H	5.5		5.5		5.5	
Sound Level @ 7m	dB(A)	79		79		79	
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 Factory		1		0.8		1/0.8	
Voltage Regulation		Brush / AVR		Brush / AVR		Brush / AVR	
DIMENSIONS & WEIGHT							
Net Weight	kg	112		112		116	
Gross Weight	kg	114.5		114.5		118	
Machine Size	mm	720×480×600		720×480×600		720×480×600	
Loading Capacity FCL20'/40'HQ		99/288		99/288		99/288	

Open Type Diesel Generator

Model		DG10000LE		DG10000LE-3		DG10000LE-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	37	38.6	15.3	27.8	33/15.3	34.5/16.1
Plugs		16A & 32A	20A & 30A	16A & 16A	20A & 30A	16A & 32A	50A & 30A
Display		LED6		LED6		LED6	
Fuel Tank Capacity	L	10		10		10	
Running Time @75% Load	H	4		4		4	
Sound Level @ 7m	dB(A)	79		79		79	
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		8		8	
Power Factory		1		0.8		1/0.8	
Voltage Regulation		Brush / AVR		Brush / AVR		Brush / AVR	
DIMENSIONS & WEIGHT							
Net Weight	kg	132		132		132	
Gross Weight	kg	136		136		136	
Machine Size	mm	720×550×630		720×550×630		720×550×630	
Loading Capacity FCL20'/40'HQ		93/189		93/189		93/189	

TECHNICAL DATA

Model		DG8600LE		DG8600LE-3		DG8600LE-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	15		15		15	
Running Time @75% Load	H	8		8		8	
Sound Level @ 7m	dB(A)	79		79		79	
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 Factory		1		0.8		1/0.8	
Voltage Regulation		Brush / AVR		Brush / AVR		Brush / AVR	
DIMENSIONS & WEIGHT							
Net Weight	kg	109		109		109	
Gross Weight	kg	111		111		111	
Machine Size	mm	810×550×600		810×550×600		810×550×600	
Loading Capacity FCL20'/40'HQ		84/228		84/228		84/228	

Open Type Diesel Generator

Model		DG10500LE		DG10500LE-3		DG10500LE-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	37	38.6	15.3	27.8	33/15.3	34.5/16.1
Plugs		16A & 32A	20A & 30A	16A & 16A	20A & 30A	16A & 32A	30A & 30A
Display		LED6		LED6		LED6	
Fuel Tank Capacity	L	15		15		15	
Running Time @75% Load	H	6		6		6	
Sound Level @ 7m	dB(A)	79		79		79	
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		8		8	
Power Factory		1		0.8		1/0.8	
Voltage Regulation		Brush / AVR		Brush / AVR		Brush / AVR	
DIMENSIONS & WEIGHT							
Net Weight	kg	135		135		135	
Gross Weight	kg	140		140		140	
Machine Size	mm	850×585×650		850×585×650		850×585×650	
Loading Capacity FCL20'/40'HQ		93/189		93/189		93/189	

TECHNICAL DATA

Model		DG14000LE		DG14000LE-3		DG14000LE-T	
Frequency	Hz	50	60	50	60	50	60
Rated Power		9kw		12.5kva		8kw/12.5kva	
Max.Power		10kw		13.8kva		9kw/13.8kva	
Voltage	V	230	110/220	230/400	127/220	230/400	220/380
Current	A	43.5	50	19.9	35.4	39.1/19.9	45.5/20.5
Plugs		16A & 63A	20A & 30A	32A & 16A	20A & 30A	63A & 32A	30A & 30A
Display		LED6		LED6		LED6	
Fuel Tank Capacity	L	22.5		22.5		22.5	
Running Time @75% Load	H	7.5		7.5		7.5	
Sound Level @ 7m	dB(A)	84		84		84	
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 Factory		1		0.8		1/0.8	
Voltage Regulation		Brush / AVR		Brush / AVR		Brush / AVR	
DIMENSIONS & WEIGHT							
Net Weight	kg	212		212		212	
Gross Weight	kg	245		245		245	
Machine Size	mm	1060×660×750		1060×660×750		1060×660×750	
Loading Capacity FCL20'/40'HQ		30/60		30/60		30/60	

TECHNICAL DATA

Model		DG16000LE		DG16000LE-3		DG16000LE-T	
Frequency	Hz	50	60	50	60	50	60
Rated Power		11kw		15kva		10kw/15kva	
Max.Power		12kw		16.3kva		11kw/16.3kva	
Voltage	V	230	110/220	230/400	127/220	230/400	220/380
Current	A	52.2	54.5	23.5	39.3	47.8/23.5	52.2/21.7
Plugs		16A & 63A	50A & 30A	32A & 16A	30A & 50A	63A & 32A	50A & 30A
Display		LED6		LED6		LED6	
Fuel Tank Capacity	L	22.5		22.5		22.5	
Running Time @75% Load	H	6.5		6.5		6.5	
Sound Level @ 7m	dB(A)	84		84		84	
Battery	V/Ah	12/45		12/45		12/45	
ENGINE		**DV1000E**		**DV1000E**		**DV1000E**	
Engine Type		Diesel		Diesel		Diesel	
Power	hp	20		20		20	
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 Factory		1		0.8		1/0.8	
Voltage Regulation		Brush / AVR		Brush / AVR		Brush / AVR	
DIMENSIONS & WEIGHT							
Net Weight	kg	218		218		218	
Gross Weight	kg	250		250		250	
Machine Size	mm	1060×660×750		1060×660×750		1060×660×750	

Model		DG20000LE		DG20000LE-3		DG20000LE-T	
Frequency	Hz	50	60	50	60	50	60
Rated Power		13kw		17.5kva		12kw/17.5kva	
Max.Power		14kw		18.8kva		13kw/18.8kva	
Voltage	V	230	110/220	230/400	127/220	230/400	220/380
Current	A	60.8	72.7	27.1	52.4	56.5/27.1	68.2/30.3
Plugs		32A & 63A	20A & 30A	32A & 16A	30A & 50A	63A & 32A	50A & 30A
Display		LED6		LED6		LED6	
Fuel Tank Capacity	L	22.5		22.5		22.5	
Running Time @75% Load	H	6		6		6	
Sound Level @ 7m	dB(A)	84		84		84	
Battery	V/Ah	12/45		12/45		12/45	
ENGINE		**DV1250E**		**DV1250E**		**DV1250E**	
Engine Type		Diesel		Diesel		Diesel	
Power	hp	24.4		24.4		24.4	
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 Factory		1		0.8		1/0.8	
Voltage Regulation		Brush / AVR		Brush / AVR		Brush / AVR	
DIMENSIONS & WEIGHT							
Net Weight	kg	245		245		245	
Gross Weight	kg	280		280		280	
Machine Size	mm	1100×670×750		1100×670×750		1100×670×750	

Open Type Diesel Generator

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

Alternator

THD≤5%

Remote Control 300m

ATS Box

You're never far away from ITCPower. We are always ready to provide sales and after-sales support.
We offer a one-year warranty on every machine and also provide remote support services anytime, anywhere.
We also provide training videos on product use and maintenance.
ITCPower Power professionals are available to provide troubleshooting, advice, service and support.

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iTcPower

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