

Product Series



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Index



WHY PERFECT	2
OUR PARTNERS	3
VARIETY OF SOLUTIONS	4
PRODUCTION & PROCESS	5
TECHNICAL DETAILS	8
CONTROL PANEL	13
MOBILE LIGHTING TOWER	14
OTHER BUSINESS	15
SERVICE AND SPARE PARTS	16
SITE IMAGES	17



Why Perfect

Perfect House Pvt. Ltd., boasting a 60+ year legacy, delivers comprehensive backup power solutions and services to a wide spectrum of customers globally.

Our extensive expertise at Perfect House Pvt. Ltd. is dedicated to crafting high-quality products tailored to the specific requirements of our valued customers.

With a workforce exceeding 800 employees worldwide, our team brings a wealth of experience to the table.

Our production facilities span an impressive 147,000 sq. ft. covered area & a total area of 240,000 sq. ft.

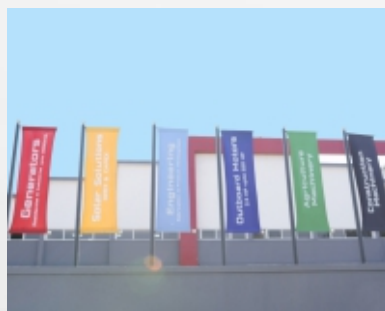
We have earned the prestigious "Best in Class" recognition from a leading Industry magazine.

Our factory operates on 400 kW of solar power, reflecting our commitment to environmentally friendly practices and sustainability.

Our global mission centers around the commitment to "create solutions that simplify life," and our global operations encompass a diverse range of industries, including Generators, Agricultural Equipment, Solar Power Solutions, Mobile Lighting Towers, Suzuki Outboard Motors, and IT Solutions.

Across these diverse domains, we've established strong partnerships with renowned global leaders.

Achieved Global Certification For Quality Standards



Shot at PHPL Manufacturing Facility Unit IV

Our Partners



Variety of Solutions

Super Silent Genertor
2kVA to 3000 kVA



Container DG set
1000 kVA to 1500 kVA



Heat Exchange Cooled Genertor
250 kVA to 3000 kVA



3.3 kV / 6.6 kV / 11 kV
High voltage DG set



Trailer Mounted Generator
10 kVA to 1500 kVA



Open Type Generator
5 kVA to 3000 kVA



1000 Hours Long
Maintenance DG set



Telecom DG set
with Internet Inside



Production & Process

Advance Design

Our in-house R&D team, equipped with CAD systems, continuously refines our products through years of research and adherence to international norms, ensuring constant updates and improvements.



High-Performance Laser Cutting

Utilizing a German IPG source and microprocessor-based precision technology, our laser cutting machine achieves exceptional precision, capable of cutting metal up to 12 mm thickness.



Automated Punching Solution

Our Japanese-built, fully automated high-speed punching machine flawlessly punches parts up to 5 mm thickness, ensuring efficiency and precision in production.



CNC Press Brakes

With a bending capacity ranging from 30 to 170 tonnes, our Canadian brand CNC Press Brakes deliver precise bending solutions for various applications.



Shear Power

Our CNC-controlled shear machine, with a cutting length of 2500 mm, effortlessly cuts materials up to 6 mm thickness, guaranteeing accurate cuts for your projects.



Handheld Laser Welding

Featuring swing welding technology and a 3-kilowatt capacity, our handheld laser welding machine is ideal for fabrication tasks, ensuring high-quality welds.



Pre-Treatment

Our fully automatic PLC-based 9-tank system, equipped with a drying oven and motorized sludge removal, provides comprehensive metal protection before further processing.



In-House Blasting

Our blasting system uses high-velocity particulate grains to treat surfaces and remove contaminants, ensuring a clean and prepared surface.



Robotic Powder Coating

Our Gema Switzerland build robotic powder coating machine guarantees precise and durable coatings, meeting international quality standards for impact, salt spray resistance, and humidity resistance.



Foam Insulation

Foam insulation in a back up power generator enclosure is used to reduce noise levels & control temperature, ensuring quieter operation and maintaining optimal operating conditions.



Wiring Quality

We manufacture all our product wiring in-house using advanced computer-based machines that handle multiple wire processing tasks, ensuring top-quality wiring and functionality.



Custom Control Panels

We offer custom-made control panels for our generating sets, rigorously tested to meet international quality standards, tailored to your specific requirements.



Genset Assembly

We have two conveyORIZED genset assembly lines, with one accommodating gensets up to 125 kVA and the other handling gensets up to 750 kVA, while two manual bays are dedicated to gensets ranging from 1000 to 3000 kVA.



Rigorous Testing

Prior to dispatch, all generators undergo thorough testing, and each genset receives a test certificate, ensuring adherence to stringent international quality standards.



Efficient Dispatch

Our 40 ft trailer loading bays within the plant ensure efficient dispatch, facilitating the smooth flow of our products to their intended destinations.



DIESEL GENERATING SETS E KUBOTA RANGE 1500 rpm, 50Hz



Generating Set Model	Engine Model	Generator output		Engine Power (bhp)	Number of Cylinders	Aspiration	Rated Current (Amps)	Fuel Tank Capacity (liters)	Acoustic Enclosure Dimensions L X W X H (mm)	Approx Weight (Kg)
		kVA	KWe							
PEKL10	G12-II	10	8	18	2	NA	13.9	95	1775 X 950 X 1365	600
PEKL15	G15-II	15	12	22	2	NA	20.85	100	1775 X 950 X 1365	750
PEKL 20	G20-II	20	16	25	3	NA	27.8	100	2165 X 950 X 1260	850
PEKL 25	G25-II	25	20	33	3	TCI	34.75	100	2400 X 1050 X 1420	1000

DIESEL GENERATING SETS E KUBOTA RANGE 1800 rpm, 60Hz

Generating Set Model	Engine Model	Generator output		Engine Power (bhp)	Number of Cylinders	Aspiration	Rated Current (Amps)	Fuel Tank Capacity (liters)	Acoustic Enclosure Dimensions L X W X H (mm)	Approx Weight (Kg)
		kVA	KWe							
PEKL7.5E	G12	7.5	9.6	18	2	NA	10.43	50	1700 X 900 X 1250	650
PEKL10E	G-15	10	8	23	2	NA	13.9	50	1700 X 900 X 1250	700
PEKL15E	G-20	15	12	27.6	3	NA	20.85	50	1950 X 900 X 1350	900
PEKL20E	G-25	20	16	37	3	TCI	27.8	80	1950 X 900 X 1350	950
PEKL25E	G-25	25	20	37	3	TCI	34.75	80	2200 X 1030 X 1380	950
PEKL30E	G-30	30	24	46	3	TCI	41.7	80	2200 X 1030 X 1380	950
PEKL40E	G-40	40	32	58	4	TCI	55.6	100	2200 X 1030 X 1380	1000
PEKL62.5E	G-62.5	62.5	50	88	4	TCI	86.88	130	2800 X 1080 X 1440	1200

All Governors are Mechanical.

All above gensets are Standard Gensets in Silent Type, are available in Radiator Cooling I Alternators: Self Excited with H - Class Insulation, IP23 PROTECTION, 1500 rpm, 50 Hz, 3 - Phase, 0.8 P.F. 415 Volt.

NA: NATURAL ASPIRATION II TCI: TURBO CHARGED INTERCOOL.

As a process of Continual improvement, above data is subject to change.

DIESEL GENERATING SETS EICHER RANGE 1500 rpm, 50Hz



Generating Set Model	Engine Model	Generator output		Engine Power (bhp)	Number of Cylinders	Governing Type	Rated Current (Amps)	Fuel Tank Capacity (liters)	Acoustic Enclosure Dimensions L X W X H (mm) + Silencer (mm)	Approx Weight (Kg)
		kVA	KWe							
PVE 30	EE483TCI CPCB II	30	24	38	4	Mechanical	42.00	85	2250 X 1020 X 1330	800
PVE 40	EE483TC	40	32	52	4	Mechanical	56.00	85	2250 X 1020 X 1330	800
PVE 50	EE483TC	50	40	65	4	Mechanical	70.00	155	2400 X 1090 X 1470	1000
PVE 62.5	EE483TCI	62.5	50	80	4	Mechanical/ Electronic	87.00	155	2400 X 1090 X 1470	1450
PVE 82.5	EE683TCI	82.5	66	105	6	Mechanical/ Electronic	115.00	155	3100 X 1100 X 1585	1500
PVE 100	EE694TCI	100	80	127	6	Mechanical/ Electronic	139.00	235	3420 X 1100 X 1680	1620
PVE 125	EE694TCI CPCB II	125	100	156	6	Mechanical/ Electronic	174.00	235	3420 X 1100 X 1680	1650
PVE 160	EE694TCI CPCB II	160	128	201	6	Electronic	123.00	210	3420 X 1100 X 1830	2630

DIESEL GENERATING SETS EICHER RANGE 1800 rpm, 60Hz

Generating Set Model	Engine Model	Generator output		Engine Power (bhp)	Number of Cylinders	Aspiration	Rated Current (Amps)	Fuel Tank Capacity (liters)	Acoustic Enclosure Dimensions L X W X H (mm) + Silencer (mm)	Approx Weight (Kg)
		kVA	KWe							
PVE62.5E	EE483TCI	62.5	50	88	4	TCI	86.88	140	2420X1080X1475	1450
PVE82.5E	EE683TCI	82.5	66	115	6	TCI	114.68	140	3100X1080X1575	1700
PVE100E	EE694TCI	100	80	141	6	TCI	139	180	3400X1080X1575	2000
PVE125E	EE694TCI	125	100	156	6	TCI	173.75	180	3400X1080X1575	2000
PVE140E	EE694TCI	140	112	201	6	TCI	194.6	250	3400X1080X1860	2400
PVE160E	EE694TCI	160	128	201	6	TCI	222.4	250	3400X1080X1860	2400

All Engines are Turbo Charged Intecooled.

All above gensets are Standard Gensets in Silent Type, are available in Radiator Cooling | Alternators: Self Excited with H - Class Insulation, IP23 PROTECTION, 1500 rpm, 50 Hz, 3 - Phase, 0.8 P.F. 415 Volt.

TCI: TURBO CHARGED INTERCOOL.

As a process of Continual improvement, above data is subject to change.



Generating Set Model	Engine Model	Generator output		Engine Power (KWm)	Number of Cylinders	Governing Type	Rated Current (Amps)	Fuel Tank Capacity (liters)	Open Type/ Acoustic Enclosure/ Closed Containerised Genset Dimensions L X W X H (mm) + Silencer (mm)	Approx Weight (Kg)	Type Of Genset
		kVA	KWe								
PBDN250	6M12G6D2/5	250	200	264	6 - Inline	ECU	347.50	500	4500 X 1700 X 2000	3350	Canopy
PBDN320	6M19G320/5E3	320	256	319	6 - Inline	Electronic	444.80	700	5200 X 2000 X 2385	5120	Canopy
PBDN400	6M21G440/5E3	400	320	405	6 - Inline	ECU	556.00	700	5500 X 2000 X 2300	6000	Canopy
PBDN500	6M21G500/5E3	500	400	450	6 - Inline	ECU	695.00	700	5500 X 2000 X 2252	6400	Canopy
PBDN625	8M21G688/5E3	625	500	615	8 - V TYPE	ECU	868.75	990	5950 X 2350 X 2550	8000	Canopy
PBDN750	6M33D660E310	750	600	725	6 - Inline	ECU	1042.50	990	7000 X 2500 X 2824	9700	Canopy
PBDN1010	12M26D968E200	1010	808	968	12-V-TYPE	Electronic	1403.90	990 (External)	4720 X 3608 X 3436	8920	Open Type
PBDN1010	12M26D968E200	1010	808	968	12-V-TYPE	Electronic	1403.90	990 (External)	6058 X 2438 X 2895	12000	Containerised
PBDN1250	12M33D1210E200	1250	1000	1210	12-V-TYPE	Electronic	1737.50	990 (External)	4748 X 3436 X 2775	11000	Open Type
PBDN1250	12M33D1210E200	1250	1000	1210	12-V-TYPE	Electronic	1737.50	990 (External)	6058 X 2438 X 2895	12850	Containerised
PBDN1500	12M33G1650/5	1500	1200	1944	12-V-TYPE	ECU	2085.00	990 (External)	5750 X 2100 X 2800	16000	Open Type
PBDN1500	12M33G1650/5	1500	1200	1944	12-V-TYPE	ECU	2085.00	990 (External)	9000 X 3000 X 3140	18000	Canopy
PBDN1750	16M33G1900/5	1750	1400	1680	16-V-TYPE	ECU	2432.50	990 (External)	6205 X 2756 X 2830	19500	Open Type
PBDN1750	16M33G1900/5	1750	1400	1680	16-V-TYPE	ECU	2432.50	990 (External)	11000 X 3500 X 4000	21000	Canopy
PBDN1850	16M33G2000/5	1850	1480	1800	16-V-TYPE	ECU	2571.50	990 (External)	6947 X 2761 X 3152	20000	Open Type
PBDN1850	16M33G2000/5	1850	1480	1800	16-V-TYPE	ECU	2571.50	990 (External)	11000 X 3500 X 4000	23000	Canopy
PBDN2000	16M33G2550/5	2000	1600	1980	16-V-TYPE	ECU	2780.00	990 (External)	6947 X 2761 X 3152	21000	Open Type
PBDN2000	16M33G2550/5	2000	1600	1980	16-V-TYPE	ECU	2780.00	990 (External)	11000 X 3500 X 4000	22887	Canopy
PBDN2500	12M55G2750/5	2500	2000	2450	12-V-TYPE	ECU	3475.00	990 (External)	6900 X 2215 X 3181	24000	Open Type
PBDN2500	12M55G2750/5	2500	2000	2450	12-V-TYPE	ECU	3475.00	990 (External)	11000 X 3500 X 4000	26000	Canopy

1800 rpm, 60Hz

Generating Set Model	Engine Model	Generator output		Engine Power (KWm)	Number of Cylinders	Governing Type	Rated Current (Amps)	Fuel Tank Capacity (liters)	Open Type/ Acoustic Enclosure/ Closed Containerised Genset Dimensions L X W X H (mm) + Silencer (mm)	Approx Weight (Kg)	Type Of Genset
		kVA	KWe								
PBDN250S	6M16G220/6	250	200	240	6	ECU	347.5	500	4500 x 1700 x 2000	3350	Canopy
PBDN320S	6M16G308/6	320	256	327	6	ECU	444.8	700	4800 x 1800 x 2300	5000	Canopy
PBDN375S	6M21G330/6	375	300	350	6	ECU	521.25	700	4800 x 1800 x 2300	6000	Canopy
PBDN500S	6M21G460/6	500	400	450	6	ECU	695	700	5000 x 1800 x 2400	6500	Canopy
PBDN600S	8M21G520/6	600	480	530	8	ECU	834	700	5950 x 2300 x 2450	8000	Canopy
PBDN650S	6M33G575/6	650	520	575	6	ECU	903.5	700	6500 x 2500 x 2450	9000	Canopy
PBDN750S	6M33G660/6	750	600	670	6	ECU	1042.5	990	6500 x 2500 x 2500	9700	Canopy
PBDN1010S	12M26D968E200	1010	808	1298	12	ECU	1403.9	990	6058 x 2440 x 2900	11000	Containerised
PBDN1250S	12M33D1210E200	1250	1000	1623	12	ECU	1737.5	990	6058 x 2440 x 2900	12000	Containerised

Above gensets are available in Open Type/ Closed Canopy Type/ Containerised Type (As Specified) Standard Gensets, are available in Radiator Cooling | Alternators: Self Excited with H - Class Insulation, IP23 PROTECTION, 1500 rpm, 50 Hz, 3 - Phase, 0.8 P.F. 415 Volt.

ECU: ELECTRONIC CONTROL UNIT

As a process of Continual improvement, above data is subject to change.

DIESEL GENERATING SETS PERKINS RANGE 1500 rpm, 50Hz



Generating Set Model	Engine Model	Generator output		Engine Power BHP	Rated Current (Amps)	Acoustic Enclosure (Silent D.G. Set) Genset Dimensions L X W X H (mm)		HEIGHT (mm)
		kVA	KWe			LENGTH (mm)	WIDTH (mm)	
PPER9	403A-11G1	9	7.2	11.5	12.51	2000	1000	1348
PPER15	403A-15G2	15	12	18	20.85	2000	1000	1348
PPER20	404A-22G	20	16	25	27.8	2000	1000	1348
PPER20	404D-22G	20	16	25.1	27.8	2000	1000	1348
PPER30	1103A-33G	30	24	37.8	41.7	2750	1150	1665
PPER45	1103A-33TG1	45	36	56.6	62.55	2750	1150	1665
PPER60	1103A-33TG2	60	48	73.7	83.4	2750	1150	1665
PPER80	1104A-44TG2	80	64	98	111.2	3350	1150	1770
PPER100	1104C-44TAG2	100	80	125.5	139	3350	1150	1770
PPER135	1106A-70TG1	135	108	164.5	187.65	3800	1500	1900
PPER150	1106A-70TAG2	150	120	182.4	208.5	3800	1500	1900
PPER200	1106A-70TAG4	200	160	239.8	278	3800	1500	1900
PPER250	1506A-E88TAG3	200	160	344	278	4100	1650	1900
PPER300	1506A-E88TAG5	200	160	412	278	4500	1800	2160
PPER400	2206A-E13TAG3	400	320	493	556	5000	2000	2235
PPER500	2506A-E15TAG2	500	400	605	695	5550	2000	2340
PPER600	2806A-E18TAG1A	600	480	721	834	5550	2000	2340
PPER650	2806A-E18TAG2	650	520	783	903.5	5550	2000	2340
PPER750	4006-23TAG2A	750	600	882	1042.5	7000	2150	2520
PPER800	4006-23TAG3A	800	640	945	1112	7000	2150	2520
PPER911	4008TAG1A	911	728	1080	1266.29	7200	2150	2520
PPER900	4008-30TAG1	900	720	1080	1251	7200	2150	2520
PPER1010	4008-30TAG2	1010	808	1206	1403.9	7200	2250	2520
PPER1022	4008-TAG2A	1022	818	1206	1420.58	7200	2150	2520
PPER1125	4008-30TAG3	1125	900	1270	1563.75	7200	2250	2520
PPER1250	4012-46TWG2A	1250	1000	1492	1737.5	12192	2438	2895
PPER1250	4012-46TAG0A	1250	1000	1497	1737.5	12192	2438	2895
PPER1364	4012-46TAG1A	1364	1091	1625	1895.96	12192	2438	2895
PPER1364	4012-46TWG3A	1364	1091	1618	1895.96	12192	2438	2895
PPER1500	4012-46TAG2A	1500	1200	1785	2085	12192	2438	2895
PPER1500	4012-46TWG4A	1762	1200	1762	2449.18	12192	2438	2895
PPER1700	4012-46TAG3A	2006	1360	2006	2788.34	12192	2438	2895
PPER1850	4016-61TRG1	2208	1480	2208	3069.12	12192	2438	2895
PPER2000	4016-61TRG2	2377	1600	2377	3304.03	12192	2438	2895
PPER2250	4016-61TRG3	2647	1800	2647	3679.33	12192	2438	2895

Above gensets are available in Open Type/ Closed Canopy Type/ Containerised Type (As Specified) Standard Gensets, are available in Radiator Cooling | Alternators: Self Excited with H - Class Insulation, IP23 PROTECTION, 1500 rpm, 50 Hz, 3 - Phase, 0.8 P.F. 415 Volt.
As a process of Continual improvement, above data is subject to change.



DIESEL GENERATING SETS CUMMINS RANGE

1500 rpm, 50Hz



Engine Model	Generator output			Dimensions L X W X H (mm)			Approx Weight (Kg)	Fuel Tank Capacity (liters)
	kVA	KWe	BHP	L	W	H		
X1.3TAA-G1	7.5	6	23	1460	940	915	550	56
X1.3TAA-G1	10	8	23	1460	940	915	550	56
X1.3TAA-G1	15	12	23	1600	940	1100	610	59
X1.3TAA-G7	20	16	25.3	1780	940	1100	723	60
X2.7T-G1	25	20	38.5	2400	950	1400	1090	70
X2.7TAA-G2	30	24	38.5	2400	950	1400	1090	70
X2.7TAA-G7	35	28	47.5	2400	950	1400	1090	70
X2.7TAA-G8	40	32	51	2400	950	1400	1090	70
4BTAA3.3-G11	50	40	84.0	2950	1150	1550	1500	140
4BTAA3.3-G11	63	50	84.0	2950	1150	1550	1500	140
4BTAA3.9-G4	83	66	110.0	3850	1150	1700	1900	175
6BTAA5.9-G13	100	80	159.0	4000	1150	1850	2200	300
6BTAA5.9-G13	125	100	159	4000	1150	1850	2200	300
QSB5.9-G1	140	112	184	4000	1150	1850	2320	300
QSB5.9-G2	160	128	206	4000	1150	1850	2320	300
QSB6.7-G14	180	144	234	4200	1350	1850	2856	370
QSB6.7-G15	200	160	256	4200	1350	1850	2856	370
QSB6.7-G16	225	180	280	4200	1350	1850	2856	370
6L8.9TAA-G4	250	200	335	4800	1500	2025	4385	415
QSB6.7-G17	250	200	307	4300	1500	1975	3624	450
QSL9-G15	300	240	399	4800	1500	2025	4385	435
QSL9-G15	320	256	399	4800	1500	2025	4385	435
QSN14-G1	365	292	448	5500	1900	2150	6165	460
QSN14-G2	380	304	487	5500	1900	2150	6165	460
QSN14-G2	400	320	487	5500	1900	2150	6250	460
KTAA19-G10	500	400	587	6000	2000	2250	8000	680
KTAA19-G12	600	480	713	6500	2000	2800	9029	900
KTAA19-G13	625	500	739	6500	2000	2800	9029	900
QSK19-G7	650	520	828	6500	2000	2800	9029	830
KTA38-G12	750	600	1069	8000	2600	3000	13000	990
KTA38-G12	810	648	1069	8000	2600	3000	13000	990
KTA38-G17	910	728	1069	8000	2600	3000	13000	990
KTA38-G5	1010	808	1180	8000	2600	3000	13873	990
KTA50-G3	1250	1000	1470	8600	2800	3282	16457	990
KTA50-G8-1	1500	1200	1735	9000	2900	3415	17328	990

All above gensets are closed type Silent Diesel Generating Set's, Dg Ranging from 1010 kVA and above are available in open type and Containerised type as per requirement.
As a process of Continual improvement, above data is subject to change.

Control Panel

Perfect House Pvt Ltd. (PHPL) manufactures a complete range of low voltage electrical switchboards. All switchboards are manufactured as per IS-8623. PHPL also supplies IEC-61439 switchboards and fully type tested switchboards as required by the customer. We use quality components in every stage of production to maintain high standard of switchboards, provides optimum solutions to customer needs with due understanding of the requirement as per site conditions.

1. POWER CONTROL CENTRE (PCC)
2. MOTOR CONTROL CENTRE (MCC)
3. POWER & MOTOR CONTROL CENTRE (PMCC)
4. INTELLIGENT MCC (iMCC)
5. AUTOMATIC POWER FACTOR CORRECTION PANEL
6. DG MANUAL/ AMF PANEL/ ATS PANEL
7. SYNCHRONIZING PANEL
8. AUTOMATION PANEL USING PLC
9. DRIVE PANEL
10. DISTRIBUTION BOARDS (DB)
11. FEEDER PILLAR
12. CONTROL & RELAY PANEL
13. LIGHTING DISTRIBUTION BOARD (LDB)
14. LOCAL PUSH BUTTON STATION (LPBS)

Additional Features

With in-house Design & Development team, PHPL can cater to diversified market segments with varied needs.

PCC with different incomers and combination of outgoing switchgears

MCC panels with different types of starter option viz. DOL, STAR-DELTA, REVERSE FORWARD, SOFT STARTER, VFD

APFC panel - contactor switching , Thyristor switching; with and without harmonic filter

Cable entry - Top / Bottom / Busduct entry

Modular construction / Welded construction

Single & Double front

Single & Two tier

Constructional Details

Sheet metal Fabrication - CRCA/Aluminium Sheet steel

Busbar work - Aluminium / Copper

Form of separation - 2a/2b/3a/3b/4a/4b

Ingress Protection - IP-42/IP-54/IP-55/IP-65

Fault level - 25 kA / 50 kA / 65 kA / 100kA for 1 second

Powder Coating - 9 tank pretreatment process

Color - RAL 7032/ RAL 7035



Technical details

Mobile Light Tower

SPECIFICATION	MODELS				
RATED POWER in kW	5.0	7.5	7.5	2.5	7.5
LUMINAIRES					
Type of LED / LAMP Fitting	Symmetrical / Rectangular / Aluminium Oval	Symmetrical / Rectangular / Aluminium Oval	Symmetrical / Rectangular / Aluminium Oval	Symmetrical / Rectangular / Aluminium Oval	Symmetrical / Rectangular / Aluminium Oval
LED (Flood Light / Spot Light) / LAMP (MHL)	LED	LED	LED	LED	LED
Wattage	4 No'S X 350 W	4 No'S X 400 W	4 No'S X 1000 W	4 No'S X 350 W	4 No'S X 350 W / 1000W
Total Lumens Output	196000 Lumens	228000 Lumens	440000 Lumens	196000 Lumens	228000 Lumens / 440000 Lumens
Lumens per Watt	140 Lm/W	142 Lm/W	110 Lm/W	140 Lm/W	142 Lm/W / 110 Lm/W
Light Coverage in Square Meters	5400 Sq m	6250 Sq m	20000 Sq m (Approx. 5 acres)	5400 Sq m	6250 Sq m / 20000 Sq m
DIESEL ENGINE					
Engine Make	KOHLER	YANMAR	YANMAR	YANMAR	KUBOTA
Engine Model	KD 441 GS 12	3TNV76-GGEA	3TNV76-GGEA	L48V5V	D1105-E4BG2-SAE-2
Engine Horsepower (Continuous)	8.2	11.0	11.0	3.6	11.3
Engine Power (KW) (Continuous)	6.1	8.2	8.2	2.7	8.4
Engine Speed (RPM)	3000 (3600 as on request)	1500 (1800as on request)	1500 (1800as on request)	3000 (3600 as on request)	1500 (1800as on request)
No. of Cylinders	1	3	3	1	3
Emission Norms	CPCB-IV	Non-Emission	Non-Emission	CPCB-II	STAGE V
FUEL TANK					
Fuel Tank Type	Sheetmetal Tank	Sheetmetal Tank	Sheetmetal Tank	Sheetmetal Tank	Sheetmetal Tank
Fuel Tank Capacity	120 Litres	120 Litres	120 Litres	120 Litres	120
Fuel Consumption (Approx.)	1.0 Ltr / Hrs	1.0 Ltr / Hrs	1.6 Ltr / Hrs	1.0 Ltr / Hrs	1.6 Ltr / Hrs
Fuel Tank Run Hrs	120.0	120.0	75.0	120.0	75.0
ALTERNATOR					
Alternator Make	NSM/LINZ-Alumen/Mecc Alte (Brushless) Without AVR	NSM/LINZ-Alumen/Mecc Alte (Brushless) Without AVR	NSM/LINZ-Alumen/Mecc Alte (Brushless) Without AVR	NSM/LINZ-Alumen/Mecc Alte (Brushless) Without AVR	NSM/LINZ-Alumen/Mecc Alte (Brushless) Without AVR
Rated Output	5.0 kVA	8.0 kVA	8.0 kVA	3.5 kVA	8.0 kVA
Alternator Degree of Protection	IP23	IP23	IP23	IP23	IP23
Rating Voltage (Volt)	230 V	230 V	230 V	230 V	230 V
Frequency (Hz)	50Hz (60Hz as on request)	50Hz (60Hz as on request)	50Hz (60Hz as on request)	50Hz (60Hz as on request)	50Hz (60Hz as on request)
Auxiliary Power	10 amp. Maximum	16 amp. Maximum	16 amp. Maximum	N/A	16 amp. Maximum
MAST					
Type	Manual-Vertical / Tilted / Foldable Operation Winch and Each Operation Interlocked, Hot Dip Galvanized / Powder Coated	Manual-Vertical / Tilted / Foldable Operation Winch and Each Operation Interlocked, Hot Dip Galvanized / Powder Coated	Manual-Vertical / Tilted / Foldable Operation Winch and Each Operation Interlocked, Hot Dip Galvanized / Powder Coated	Manual-Vertical / Tilted / Foldable Operation Winch and Each Operation Interlocked, Hot Dip Galvanized / Powder Coated	Manual-Vertical / Tilted / Foldable Operation Winch and Each Operation Interlocked, Hot Dip Galvanized / Powder Coated
Maximum Height (Metres)	6 / 9	6 / 9	6 / 9	6 / 9	6 / 9
Number of Mast Section	5.0	5.0	5.0	5.0	5.0
Mast Rotation	359? with locking system & manual operation	359? with locking system & manual operation	359? with locking system & manual operation	359? with locking system & manual operation	359? with locking system & manual operation
Mast Erection Time	< 2 minutes	< 2 minutes	< 2 minutes	< 2 minutes	< 2 minutes
Wind Speed Stability	110 Km/hr	110 Km/hr	110 Km/hr	110 Km/hr	110 Km/hr
CONTROLLER	Deep-Sea	Deep-Sea	Deep-Sea	Deep-Sea	Deep-Sea
SOUND RATING	68 db(A) @ 23 ft (7 m) at Prime Power	68 db(A) @ 23 ft (7 m) at Prime Power	68 db(A) @ 23 ft (7 m) at Prime Power	68 db(A) @ 23 ft (7 m) at Prime Power	68 db(A) @ 23 ft (7 m) at Prime Power
ENCLOSURE AND TRAILER	Enclosure : Gull-Wing Type Metal Body Compliance to CPCB II, Trailer : 2 Wheel Monocoque Flat Bed	Enclosure : Gull-Wing Type Metal Body Compliance to CPCB II, Trailer : 2 Wheel Monocoque Flat Bed	Enclosure : Gull-Wing Type Metal Body Compliance to CPCB II, Trailer : 2 Wheel Monocoque Flat Bed	Enclosure : Gull-Wing Type Metal Body Compliance to CPCB II, Trailer : 2 Wheel Monocoque Flat Bed	Enclosure : Gull-Wing Type Metal Body Compliance to CPCB II, Trailer : 2 Wheel Monocoque Flat Bed
DIMENSIONS & WEIGHT (TELESCOPIC MAST)					
L X W X H (Minimum) in mm (Retracted)	2615 x 1694 x 3242	2615 x 1694 x 3242	2615 x 1694 x 3242	2615 x 1694 x 3242	2615 x 1694 x 3242
L X W X H (Maximum) in mm (Extended)	2615 x 3100 x 9000	2615 x 3100 x 9000	2615 x 3100 x 9000	2615 x 3100 x 9000	2615 x 3100 x 9000
Dimensions for Transport in mm	2700 x 1750 x 2500	2700 x 1750 x 2500	2700 x 1750 x 2500	2700 x 1750 x 2500	2700 x 1750 x 2500
Weight in Kgs	850 (Approx)	900 (Approx)	900 (Approx)	850 (Approx)	900 (Approx)



Mining



Railway



Construction



Highway



Construction Field



Rental



Cement Factories



Defense



Metro



Dockyards



Construction Field



Airport

Other Business



Solar

Perfect House takes its vision to become India's #1 provider of eco-friendly & renewable power solutions very seriously. This has been reflected in our move towards providing sustainable renewable energy solutions to our customers across industries spanning Defense, Government, Corporate and Retail through various business models like Opex, Capex and RESCO.



Suzuki
Outboard Motors

Perfect House Pvt Ltd became a distributor of Suzuki Outboard Motors in the year 2021. Leading the industry with innovative technology, Suzuki offers world-class 4-stroke & 2-stroke outboards, giving the Ultimate outboard motor experience. SUZUKI Outboard Motors are available in various model combinations, ranging from 2.5HP to 350hp (4-Stroke) & 9.9HP to 40HP (2-Stroke).



Agricultural
Equipment

Wide Product Range – More than 50 Products to cater to all Agricultural needs.

Superior Engines – Modern OHV Engines and BIS Approved.

Modern R&D – in-house R & D Team for developing new age Technology for Farm Mechanization.

Certification – FMTTI approved Products which help Farmers to Avail variousin subsidy Scheme by government.



Engineering



Perfect House focuses on highest level of detailing and quality control for manufacturing MS and SS products and applications. With highly qualified personnel and automatic machinery Perfect delivers products for customer satisfaction. Our export quality material is spread worldwide through our customers.

Service And Spare Parts

Perfect Assures Excellence in Customer Care: At Perfect, our commitment to customer satisfaction goes beyond the purchase of our products.

After Sales Warranty & Service: At Perfect, we stand by our products with a comprehensive after-sales warranty and service program. We want you to feel confident in your purchase.

Video Call Facility for Troubleshooting & Corrective Maintenance: We offer a video call facility for quick and effective troubleshooting and corrective maintenance. This ensures that any issues you encounter are addressed promptly.

Diagnostic and Testing Services: Our cutting-edge diagnostic and testing services are designed to keep your equipment in optimal condition, providing peace of mind and reliability.

Overhauling for Customer Supplied Assemblies: For customer-supplied assemblies, we provide expert overhauling services. Trust us to restore your equipment to its peak performance.

In-House Training to Dealers: We believe in empowering our dealers with knowledge. That's why we offer in-house training sessions to equip them with the skills and expertise to serve you better.

24/7 Customer Care Number: Your convenience matters to us. Our dedicated 24/7 customer care team is just a phone call away, ensuring that your concerns are addressed around the clock.

Team View Services for Software Upgradation & Patch Files Upload: Our Team View services are at your disposal for seamless software upgrades and hassle-free patch file uploads. We're committed to keeping your systems up to date.

We take pride in curating an extensive inventory of authentic spare parts, celebrated for their unmatched reliability and exceptional durability. Every single spare part we offer comes with the assurance of supplier guarantees and is further fortified by comprehensive manufacturer warranties. Your satisfaction and peace of mind are our top priorities.



Powering Indian Companies

Telecom Towers Across India
10, 20, 30 kVA X40,000



High Speed Roadway
Project 2000 kVA x 8



Indian Defence Sector
3.5, 5 & 15 kVA x 3100



Leading Partner for the Banking
Sector 5 kVA to 500 kVA x 4000



Extreme Interiors of
NE India 1250 kVA x 4



HDPE Manufacturing Units
1250 kVA x 2 & 1010 kVA x 2



Data Centre Project
750 kVA x 40



Indian Airforce 12.5
& 40 kVA APU x 44



Actual photos

Powering Global Companies

American Tower Company
15, 25 & 40 kVA x 324



Hyatt Project
625 kVA x 2



Amazon Project
400 kVA x 2



Global Vaccine Storage Unit
1250 kVA x 2 & 1000 x 2



Walmart Project
500 kVA x 3



DHL
62 to 400 kVA x 5



Industrial Unit in Vietnam
2500 kVA x 1



Hospital Project in Myanmar
400 kVA x 2



And many more - Maersk, Citibank, Standard Chartered Bank, Nippon Express, 3M, Vodafone, Hewlett Packard, Nielsen, Canara Robeco, Hilti, Domino's, Pizza hut, KFC.



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