

The POWERFULL B generating set range offers a large choice of engines with powers ranging from 9 to 800 kVA at 50 or 60Hz. The main features of the B range include a T-type baseframe designed to provide maximum compactness and contain overall generating set dimensions, which is often an essential requirement for installations in small spaces; the baseframe also acts as a fuel tank, ensuring high capacity fuel on-board. As with all Onis Visa products, all the unit's parts are subject to a strict operating test involving over 30 checks prior to delivery.

ENGINE

Industrial engine, complete with cooling system, injection system with automatic speed regulator, electrical ignition system and battery charger



ALTERNATOR

Industrial, brushless alternator with electronic voltage control system



CONTROL UNIT

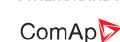
The Control Panel range allows you to monitor and control your generating set with ease, whilst ensuring your unit operates within safe parameters and provides important diagnostic information when needed.



STANDARD CONTROL PANEL

GUARD R3VOLUTION

OTHER BRANDS AVAILABLE



STANDARD EQUIPMENT

- T-series modular frame acts as a fuel tank with electronic level sensor, plugs, loading and unloading (see model data sheet for quantity)
- High damping anti-vibration mounts placed between the engine/alternator and baseframe
- Fuel decanter filter
- Exhaust silencer (supplied loose)
- Exhaust line expander (supplied loose)
- rain cap
- flange and gasket on engine
- Thermosetting powder coated paint
- Battery cutoff switch (only in the CE version)

OPTIONAL EQUIPMENT

- Set-up for quick release fittings (auxiliary, external tank connection)
- Engine oil extraction pump (standard for engine powers greater than 300 kVA)
- Racor or similar fuel filter
- External sockets
- Oversize tank
- AMF automatic panel and autostart
- ATS panel
- 220V electric preheater (standard in engine powers greater than 700 kVA)
- PW005 terminal board for external electrical control panel
- Electronic speed regulator (if not provided as standard)
- IN SYNC parallel panel - Remote management and control software
- Air extraction conveyor
- High sound insulating exhaust silencer
- SilentWall systems - BELL canopies - HD and HT containers
- On request, the canopy colour can be different from standard - Radiator liquid level sensor.



SERIES: **POWERFULL B** VERSION: **OPEN** RANGE: **9-800** kVA

ENGINE:		Perkins		ALTERNATOR:				STAMFORD								FROM 9 TO 800 kVA			
MODEL	P.R.P. kVA	L.T.P. kVA	ENGINE	REG.	ALTERNATOR	BASEFRAME	CANOPY	W mm	L mm	H mm	WEIGHT Kg	TANK SIZE l.	OVERSIZED TANK SIZE l.	CONS. 75% l/h	dBA at 7m				
P 9 B	9	10	403A-11G1	M	PI044E	T0	-	700	1100	1170	360	160	-	2	-				
P 14 B	13,1	14,5	403A-15G1	M	PI044G	T0	-	700	1140	1170	460	160	-	2,8	-				
P 15 B	15	16,5	403A-15G2	M	PI044G	T0	-	700	1140	1170	460	160	-	3,1	-				
P 21 B	20	22	404A-22G1	M	PI144D	T0	-	700	1270	1210	540	160	-	4	-				
P 30 B	30	33	1103A-33G	M	PI144G	T1	-	920	1550	1375	740	160	-	5,4	-				
P 41 B	40	45	1103A-33TG1	M	PI144J	T1	-	910	1620	1400	780	160	-	8,2	-				
P 65 B	60	63	1103A-33TG2	M	UCI224E	T1	-	905	1750	1375	930	160	-	10,4	-				
P 80 B	80	88	1104A-44TG2	M	UCI224G	T1	-	905	1885	1375	1090	160	-	14	-				
P 105 B	100	110	1104C-44TAG2	E	UCI274C	T1	-	940	1925	1400	1200	160	-	17,1	-				
P 135 B	135	150	1106A-70TG1	M	UCI274E	T2	-	1090	2220	1630	1540	520	-	22,7	-				
P 151 B	150	165	1106A-70TAG2	M	UCI274F	T2	-	1090	2340	1730	1650	520	-	24,7	-				
P 181 B	180	194	1106A-70TAG3	M	UCI274G	T2	-	1090	2400	1730	1700	520	-	32	-				
P 200 B	200	220	1106A-70TAG4	E	UCI274H	T2	-	1120	2480	1750	1760	520	-	34,7	-				
P 251 B	250	275	1506A-E88TAG3	E	UCDI274K	T2	-	1120	3030	1950	2210	520	-	41,6	-				
P 301 B	300	330	1506A-E88TAG5	E	HCI4D	T3	-	1260	3000	1940	2820	890	-	48,2	-				
P 350 B	350	400	2206C-E13TAG2	E	HCI4E	T3	-	1220	3200	2200	3350	890	-	58	-				
P 400 B	400	450	2206C-E13TAG3	E	HCI4F	T3	-	1250	3320	2200	3520	890	-	65	-				
P 450 B	455	500	2506C-E15TAG1	E	HCI5C	T3	-	1260	3445	2200	4050	890	-	73	-				
P 500 B	500	520	2506C-E15TAG2	E	HCI5C	T3	-	1260	3550	2200	4050	890	-	81	-				
P 600 B	600	660	2806C-E18TAG1A	E	HCI5E	T3	-	1536	3389	2275	4530	890	-	96	-				
P 650 B	670	720	2806A-E18TAG2	E	HCI5F	T3	-	1536	3500	2275	4680	890	-	97	-				
P 730 B	750	825	4006-23TAG2A	E	HCI6G	T4	-	1890	3960	2300	6680	1750	-	122	-				
P 805 B	800	860	4006-23TAG3A	E	HCI6G	T4	-	1890	3960	2300	6680	1750	-	130	-				


ENGINE:		Perkins		ALTERNATOR:				meccalte								FROM 9 TO 600 kVA			
MODEL	P.R.P. kVA	L.T.P. kVA	ENGINE	REG.	ALTERNATOR	BASEFRAME	CANOPY	W mm	L mm	H mm	WEIGHT Kg	TANK SIZE l.	OVERSIZED TANK SIZE l.	CONS. 75% l/h	dBA at 7m				
P 9 B	9	10	403A-11G1	M	ECP3-1L/4	T0	-	700	1220	1170	450	160	-	2	-				
P 14 B	13,1	14,5	403A-15G1	M	ECP3-2L/4	T0	-	700	1260	1170	460	160	-	2,8	-				
P 15 B	15	16	403A-15G2	M	ECP3-3L/4	T0	-	700	1260	1170	460	160	-	3,1	-				
P 21 B	20	21,5	404A-22G1	M	ECP28-M/4	T0	-	700	1310	1210	550	160	-	4	-				
P 600 B	600	660	2806C-E18TAG1A	E	ECO40-1.5L4B	T3	-	1536	3300	2275	4370	890	-	96	-				




ENGINE:		FPT POWERTRAIN TECHNOLOGIES			ALTERNATOR:			STAMFORD							FROM 60 TO 600 kVA			
MODEL	P.R.P. kVA	L.T.P. kVA	ENGINE	REG.	ALTERNATOR	BASEFRAME	CANOPY	W mm	L mm	H mm	WEIGHT Kg	TANK SIZE l.	OVERSIZED TANK SIZE l.	CONS. 75% l/h	dBA at 7m			
F 60 B	60	63	N45SM1A	M	UCI224E	T1	-	910	1900	1420	930	160	-	9,7	-			
F 80 B	83	90,8	N45SM3	M	UCI224G	T1	-	960	1900	1420	1050	160	-	14,4	-			
F 100 B	100	110	N45TM2A	M	UCI274C	T1	-	910	1970	1510	1090	160	-	15,3	-			
F 120 B	120	130	N45TM3	M	UCI274D	T1	-	910	1890	1520	1110	160	-	20,4	-			
F 170 B	160	175	N67TM4	M	UCI274F	T2	-	1100	2390	1790	1610	520	-	27,5	-			
F 201 B	200	220	N67TM7	M	UCI274H	T2	-	1110	2490	1790	1700	520	-	35,1	-			
F 301 B	300	330	C87TE4	E	HCI4D	T3	-	1250	3000	1960	2720	890	-	54,3	-			
F 350 B	350	385	C13TE2A	E	HCI4E	T3	-	1250	3030	1950	3140	890	-	53,7	-			
F 400 B	400	440	C13TE3A	E	HCI4F	T3	-	1270	3120	1950	3280	890	-	68	-			
F 500 B	500	520	C13TE7	E	HCI5C	T3	-	1270	3180	1990	3500	890	-	75,4	-			
F 600 B	600	660	CR16TE1W	E	HCI5E	T3	-	1270	3180	1990	3820	890	-	80,3	-			

ENGINE:		VOLVO PENTA			ALTERNATOR:			STAMFORD							FROM 250 TO 630 kVA			
MODEL	P.R.P. kVA	L.T.P. kVA	ENGINE	REG.	ALTERNATOR	BASEFRAME	CANOPY	W mm	L mm	H mm	WEIGHT Kg	TANK SIZE l.	OVERSIZED TANK SIZE l.	CONS. 75% l/h	dBA at 7m			
V 250 B	250	275	TAD734GE	E	UCDI274K	T2	-	1120	2650	1900	2100	520	-	44,3	-			
V 315 B	300	330	TAD1341GE	E	HCI4D	T3	-	1300	3000	2030	3080	890	-	47,2	-			
V 350 B	350	387	TAD1342GE	E	HCI4E	T3	-	1300	3000	2030	3170	890	-	52,2	-			
V 380 B	378	414	TAD1343GE	E	HCI4F	T3	-	1275	3138	2020	3310	890	-	56	-			
V 415 B	400	450	TAD1344GE	E	HCI4F	T3	-	1280	3140	2020	3320	890	-	62,3	-			
V 450 B	451	501	TAD1345GE	E	HCI5C	T3	-	1280	3220	2020	3520	890	-	68,2	-			
V 505 B	500	520	TAD1641GE	E	HCI5C	T3	-	1300	3300	2250	3820	890	-	75	-			
V 590 B	591	651	TAD1642GE	E	HCI5E	T3	-	1300	3300	2250	4070	890	-	90,1	-			
V 630 B	630	700	TWD1643GE	E	HCI5F	T3	-	1350	3530	2300	4550	890	-	94,3	-			

ENGINE:		VOLVO PENTA			ALTERNATOR:			meccalte							591 kVA			
MODEL	P.R.P. kVA	L.T.P. kVA	ENGINE	REG.	ALTERNATOR	BASEFRAME	CANOPY	W mm	L mm	H mm	WEIGHT Kg	TANK SIZE l.	OVERSIZED TANK SIZE l.	CONS. 75% l/h	dBA at 7m			
V 590 B	591	651	TAD1642GE	E	ECO40 1.5L4 B	T3	-	1300	3270	2250	3990	890	-	90,1	-			

ENGINE:				ALTERNATOR:				STAMFORD								FROM 20 TO 250 kVA			
MODEL	P.R.P. kVA	L.T.P. kVA	ENGINE	REG.	ALTERNATOR	BASEFRAME	CANOPY	W mm	L mm	H mm	WEIGHT Kg	TANK SIZE l.	OVERSIZED TANK SIZE l.	CONS. 75% l/h	dBA at 7m				
D 21 B	20	21,3	F3M2011	M	PI144D	T1	-	910	1420	1100	610	160	-	4	-				
D 30 B	30	33	F4M2011	M	PI144G	T1	-	930	1560	1150	700	160	-	5,5	-				
D 41 B	40	44	BF4M2011	M	PI144J	T1	-	935	1620	1230	720	160	-	7,4	-				
D 62 B	60	62	BF4M2011C	M	UCI224E	T1	-	960	1790	1270	840	160	-	10,4	-				
D 100 B	100	110	BF4M1013EC	M	UCI274C	T1	-	940	2120	1580	1160	160	-	18,3	-				
D 131 B	130	137	BF4M1013FC	E	UCI274E	T2	-	1090	2300	1800	1450	520	-	21,7	-				
D 150 B	160	172	BF6M1013EC	M	UCI274F	T2	-	1116	2503	1756	1760	520	-	28,9	-				
D 185 B	180	189	BF6M1013FCG2	E	UCI274G	T2	-	1120	2560	1910	1970	520	-	34,2	-				
D 210 B	200	220	BF6M1013FCG3	E	UCI274H	T2	-	1120	2560	1910	2000	520	-	37,7	-				
D 250 B	250	275	TCD2013L064V	E	UCDI274K	T2	-	1080	2700	1900	2350	520	-	39,9	-				

ENGINE:				ALTERNATOR:				STAMFORD								FROM 300 TO 750 kVA			
MODEL	P.R.P. kVA	L.T.P. kVA	ENGINE	REG.	ALTERNATOR	BASEFRAME	CANOPY	W mm	L mm	H mm	WEIGHT Kg	TANK SIZE l.	OVERSIZED TANK SIZE l.	CONS. 75% l/h	dBA at 7m				
DS 300 B	300	330	P126THI	E	HCI4D	T3	-	1250	3000	2000	2680	890	-	47	-				
DS 455 B	460	510	DP158LCF	E	HCI5C	T3	-	1410	3110	2110	3570	890	-	72,9	-				
DS 505 B	500	520	DP158LDF	E	HCI5C	T3	-	1410	3110	2110	3500	890	-	83,4	-				
DS 635 B	640	708	DP180LBF	E	HCI5F	T3	-	1410	3420	2150	4200	890	-	103,8	-				
DS 685 B	670	738	DP222LBF	E	HCI5F	T3	-	1410	3500	2170	4460	890	-	109,2	-				
DS 745 B	750	830	DP222LCF	E	HCI6G	T3	-	1410	3630	2170	4690	890	-	119,1	-				