

Comprehensive Performance Analysis Report - Q3 2023													
Engine	15 kW to 62.5 kW DC Sets - Technical Details (50 Hz)												
	Parameter	15kW	20kW	25kW (15/23.2kW)	30kW	35kW	40kW	45kW	50kW	55kW	60kW	62.5kW	
	Engine Model		1500-001	2000-001	2500-001	3000-001	3500-001	4000-001	4500-001	5000-001	5500-001	6000-001	6250-001
	Rated Power (100% Load)	150	200	250	300	350	400	450	500	550	600	625	
	Rated Speed	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	
	Cooling System		Oil Cooled	Water Cooled with Radiator									
	Insulation		Natural	Natural	Natural	Natural	Natural	Natural	Natural	Forced	Forced Air	Forced Air	
	No. of Cylinders		4	4	4	4	4	4	4	4	4	4	
	Displacement	cc	1495	1995	2495	2995	3495	3995	4495	4995	5495	5995	
	Governing Class		A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	
Starting System		12V DC											
DC	Supply Air	-	100	100	100	100	100	100	100	100	100	100	
ALTERNATOR	Type	Brushless, Single / Three Phase, Class/F Insulation											
Voltage	VAC	230	230	415 / 230	415 / 230	415 / 230	415 / 230	415 / 230	415 / 230	415	415	415	
Speed / Frequency	rpm/Hz	3000	3000	1500	1500	1500	1500	1500	1500	1500	1500	1500	
CONTROL PANEL	Full Load	IP54 / Manual control panel - as per specific requirement / application											
Capacity	mm	50	50	50	50	50	50	50	50	50	50	50	
BATTERY	Capacity	Ah	35	As per Standard Fitment									
ACOUSTIC ENCLOSURE	Length	mm	1400	1700	1900	2100	2300	2500	2700	2900	3100	3300	
Width	mm	600	700	700	700	700	700	700	700	700	700	700	
Height	mm	1200	1200	1300	1300	1400	1400	1400	1400	1400	1400	1400	
DC SET	Weight	kg	180	200	220	240	260	280	300	320	340	360	