



ACCORD POWER
CONVERSION PVT LTD



3 & 4 WHEELER - CHARGER



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DETAILED SPECIFICATIONS

Sl.No.	Parameters	
I	Electrical Parameters	
1	Rated Power	1800W
2	AC Input Voltage	170 - 280VAC
3	Power Factor	> 0.95
4	Efficiency	> 90%
5	Maximum Charging Voltage	54.6V - 84.0V
6	Nominal Charging Current	15 - 30A
7	Pre-charge current	Available
8	Softstart	Available
9	No Load Power	< 4W
II	Protections	
1	AC High voltage Cut.off	280VAC $\pm$ 10VAC
2	AC Low voltage Cut.off	160VAC $\pm$ 10VAC
3	Output Short circuit protection	Available
4	Time based cut.off charging cut.off	Available
5	Earth leakage protection	External
6	Primary to Secondary Isolation	2KV
7	Primary to casing isolation	1.5KV
8	Surge Protection	+/- 4KV
III	Communication	
1	CAN Communication	Available
2	CAN Bootloader	Available
IV	Environmental	
1	Working temperature range	-10 to +50deg
2	Operating Humidity	10 to 90%
3	Vibration	5G
4	Water & Dust Ingression	IP67
5	Cooling	Forced Air FAN
V	Indications	
1	Battery Charging	Available
2	Battery Full	Available
3	Battery SOC LED	Available
4	Fault	Available
VI	AC Input	
1	AC Input Plug Type	3 Pin/16A
2	AC Cable Length (mm)	1500mm
VII	DC Output	
1	DC Output Connector Type	As per customer
2	DC Cable Length (mm)	1500mm
VIII	Dimensions	
1	Length x Width x Height in mm	250 X 125 X 80
2	Weight	3000 grms
3	Enclosure Material	Aluminium
4	Potting	Available