



AVARANIYA POWERTECH Pvt. Ltd.
#23, 4th B Cross, Nandagokula Industrial Layout, Tiglarapalya Mainroad
Peenya 2nd Stage, Bangalore- 560058, India.

Guaranteed Technical Particulars (GTP) for 60kW Dual Gun DC EV Charger

Sl. No.	Parameter / Technical Description	Guaranteed Value
1	Input Electrical Specifications	
1.1	AC Input Voltage	3-Phase, 415 V, 4 wire + Protective Earth
1.2	Input Frequency	50 Hz
1.3	Power Factor	0.99 at full load
1.4	Total Harmonic Distortion (THDi)	5% at full load
1.5	Efficiency	94 % at full load
2	Output Electrical Specifications	
2.1	Rated Output Power when Single Gun is used	60 kW
2.2	Rated Output Power when two Guns used Simultaneously	30kW + 30kW
2.3	DC Output Voltage Range	150 to 1000 V DC
2.4	Maximum Output Current	Upto 200A (Per Gun)
2.5	Number of Charging Outlets / Guns	2 Guns (CCS2 + CCS2)
2.6	Charging Cable Length	5 meters
3	User Interface & Communication	
3.1	Display Screen	7 Inch LCD Touchscreen
3.2	User Authentication	RFID Card, Mobile App (QR Code)
3.3	Emergency Stop Button	Mushroom type, Red color
3.4	Communication Protocol	OCPP 1.6J
3.5	Network Connectivity	4G / Ethernet / Wi-Fi
4	Protection & Safety Features	
4.1	Electrical Protections	Over/Under Voltage, Over Current, Short Circuit, Surge Protection (Type 2), Ground Fault, Over Temperature
4.2	Dielectric Strength	2.5 kV AC for 1 minute
5	Mechanical & Environmental	
5.1	Ingress Protection Rating	IP54 (From Front Panel)
5.2	Cooling System	Forced Air Cooling
5.3	Ambient Operating Temperature	-25°C to +55°C
5.4	Operational Humidity	5% to 95% RH (Non-condensing)
5.5	Dimensions (W x D x H)	850x600x1360 mm
5.6	Mounting	Floor Mounted

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Note : Refer Schematic Drawing No. APT-D-001