

### 3. TECHNICAL SPECIFICATIONS

Description	Option 1	Option 2	Option 3	Option 4
Charger Type	DC Fast Charger	DC Fast Charger	DC Fast Charger	DC Fast Charger
Output Power	30 kW	30 kW	40 kW	40 kW
Charging Port	CHAdeMO 01 No	CCS2 01 No	CHAdeMO 01 No	CCS2 01 No
Supply Voltage	380 - 440 V AC			
Supply Frequency	50 ± 1 Hz			
Supply Current	Three Phase 60 A			
Power Factor	Min 0.98			
Efficiency	Min 92%			
User Interface	Color Display.			
Protection/ safety features	Emergency stop button. Disconnected in Plug-off, Ground fault or Error, Emergency stop. External Residual Current Protection.			
Communication Standard	Wifi			
Environmental Conditions	Temperature: -5°C to 50°C Humidity: 90% RH			
Ingress Protection Level	IP 54			
Mounting	Floor mount			
Dimensions	Max Height: 2000 mm			
Weight	Max 175 kg			
Warranty	1 year comprehensive warranty, extendable to 5			
Bidders Experience	<p>1. Bidder shall have experience in selling, maintaining and provision of customer support for at least 10 nos DC Fast Charger units used for Electric Vehicles during the last 05 years in Sri Lanka.</p> <p>2. Bidder shall have sufficient Technical Staff to carry out island wide maintenance work within twelve (12) hours from notification of any failure of equipment.</p> <p>3. Bidder shall have well established workshop with technical staff. (Details should be attached)</p>			
Service and maintenance of equipment	<p>1. Bidder shall provide an undertaking to provide services related to maintenance and operation of offered product.</p> <p>2. Manufacturer authorization is to be provided to supply the offered product. Manufacturer's letter of undertaking shall be provided to support the offered product during the warranty period.</p>			