



(EFEV Charging Solutions Pvt Ltd.)

Corporate Office:  
 Plot No-1670 Rai Industrial Estate,  
 Sector-38  
 Sonipat, Haryana – 1310  
 Registered Office:  
 G-7/325, Sector -16, Rohini, Delhi -110085

## E-FILL\_X4\_CCS2\_60kW\_DualGun\_DC PRODUCT TECHNICAL SPECIFICATION

Technical Particulars	E-Fill CCS Type 2 60kW Technical Specifications
Input Supply	3 Phase 415 V AC
Voltage Range	415 V AC $\pm$ 10%
Rated Frequency	50Hz
Frequency Range	50Hz $\pm$ 3% (IS 12360)
Rated Current	50 Amp per phase
Input Power	~25 – 40 KVA
Power factor	>0.95 on full load
Metering	DC energy meter with 1% accuracy
Earthing System	TN-S
Standard	IEC61851, IEC62196, IEC62763,
	ISO15118/DIN70121
	IS 17017
No. of Outlets	Dual (2)
Vehicle Connector	IEC-62196 Type 2 combo
Output Power	60 KW
Output Voltage	200 - 1000 V DC
Output Current	200 A Max
Efficiency	>95% on full load
Cable Length	5 Meters
Place of installation	Outdoor
Installation Type	Floor mounted
IP Protection degree	IP54
Operating Ambient Temperature	(-) $10^{\circ}$ C to $+55^{\circ}$ C
Humidity Range	95% relative humidity, non-condensing
Cooling	Air cooling
Heat Dissipation	FANs provided to dissipate internal heat
Display	7 Inch
Storage Temperature	0-60 Deg C
Ambient Pressure	79-106 kpa
Altitude	2000 Mtrs above sea level
Emergency Stop Button	Provided.



Electric Vehicle &  
Charging Solutions

Corporate Office:  
Plot No-1670 Rai Industrial Estate,  
Sector-38  
Sonipat, Haryana – 1310  
Registered Office:

(EFEV Charging Solutions Pvt Ltd.)

G-7/325, Sector -16, Rohini, Delhi -110085

RFID reader specs*	ISO 14443 A
Safety Parameters	Over current, under voltage, over voltage, Residual current, Surgeprotection, Short circuit, Prevention of vehicle movement during charging, Emergency shutdown with alarm, Over temperature, Protection against electric shock
Protection against Electric Shock	RCCB provided
Voltage Surge	SPD Provided for surge protection.
Over-voltage / Under-voltage protection	Provided_17017-1
Ground fault detection	Provided_17017-1
Internal Residual Current Detection	RCCB provided
Over temperature protection (Derating/Shutdown)	On over temperature charger status become faulted, in this case charging not allowed.
Reverse polarity protection	Protection provided
Under Voltage Shutdown Voltage	User-configurable in settings, In undervoltage condition ongoing charging will be stopped and charger goes to faulted mode.
Over Voltage Shutdown Voltage	user-configurable in settings, In overvoltage condition ongoing charging will be stopped and charger goes to faulted mode.
Harmonics Protection level	Harmonics less then 5%
Automatic Software update over Net	Firmware update OTA provide.
Input Supply Failure backup	Data will be send to CMS once charger is connected back to internet.
Input Supply Failure	Charger shutdown
Charger to CMS	OCPP1.6
Network interface	Ethernet, Wi-Fi,4G
Dimension	1295*700*300mm



(EFEV Charging Solutions Pvt Ltd.)

Corporate Office:  
Plot No-1670 Rai Industrial Estate,  
Sector-38  
Sonipat, Haryana – 1310  
Registered Office:  
G-7/325, Sector -16, Rohini, Delhi -110085

## **E-FILL ELECTRIC** **X4 60kW V2.0**



--  
Thanks and Regards  
YOURS FAITHFULLY,  
For **EFEV CHARGING SOLUTIONS PVT. LTD.**