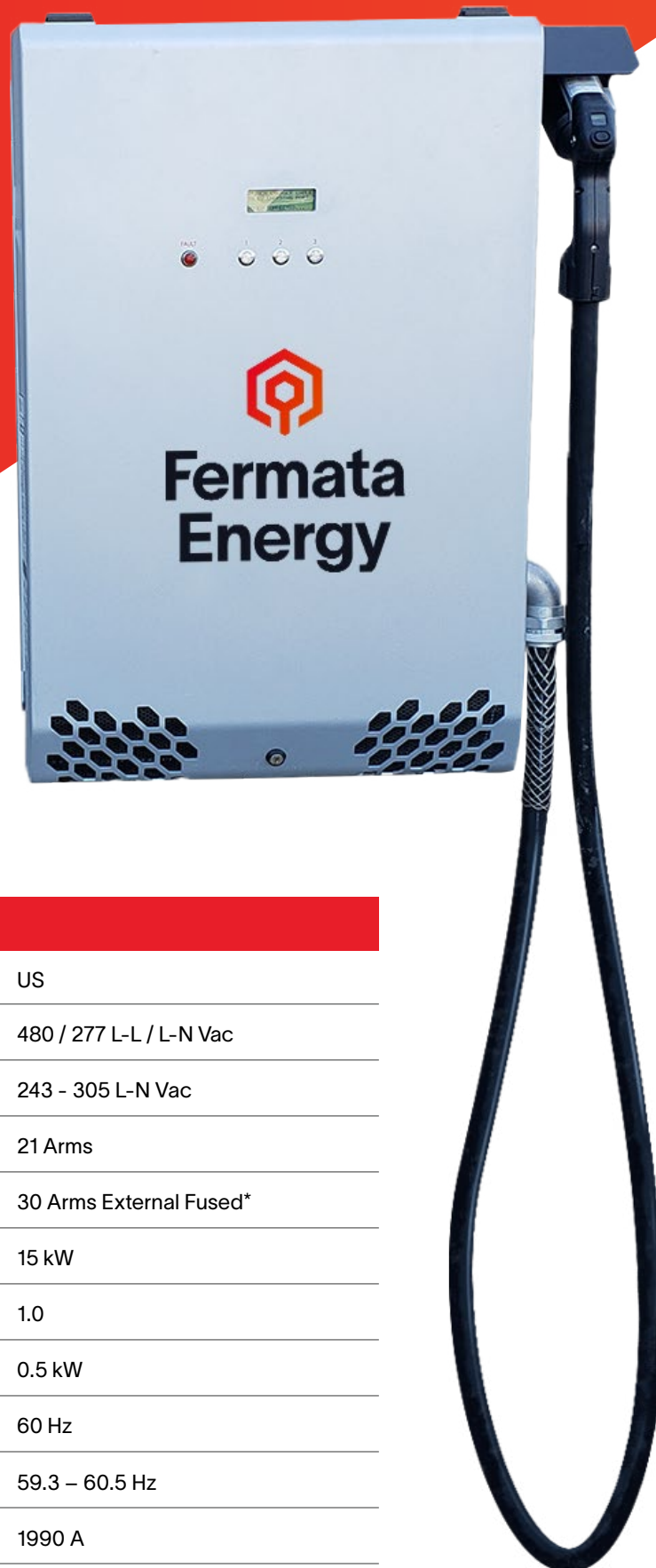


FE-15

Single-Sheet System Specifications



UTILITY INTERCONNECTION

Supported Region	US
Nominal Voltage	480 / 277 L-L / L-N Vac
Range of Operating Voltage	243 - 305 L-N Vac
Maximum Continuous Current	21 Arms
Overcurrent Protection	30 Arms External Fused*
Rated Power	15 kW
Nominal Power Factor	1.0
Minimum Operating Power	0.5 kW
Nominal Frequency	60 Hz
Range of Operating Frequency	59.3 – 60.5 Hz
Short Circuit Fault Current	1990 A

Short Circuit Fault Current Duration	484A / 0.008 s A / seconds
Synchronization in-rush Current	188 A

IEEE 1547 UTILITY TRIP LEVELS AND ACCURACIES

Voltage Accuracy	7 VAC
Frequency Accuracy	0.05 Hz
Trip Time Accuracy	0.01 seconds
Voltage Trip levels	IEEE 1547: 2005 DV
Frequency Trip Levels	IEEE 1547



FE-15 WALL-MOUNTABLE UNIT



FE-15 ON PEDESTAL MOUNT

(DC) EV CHARGING AND DISCHARGING

Nominal Voltage	380 VDC
Range of Operation Voltage	220-500 VDC
Maximum Continuous current	73 A DC
Overcurrent Protection	125 A DC Fuse
Rated Power	15 kW
Connector	JAE CHAdeMO Connector (KW1GY09DL0400U1)
Ground Fault Detection	≤100K Ohms
Cord Length	4

SYSTEM

Width	22.75 (578) in (mm)
Height	34.5 (876) in (mm)
Depth	9.75 (247) w/o Bracket in (mm)
Enclosure Type	Type NEMA-3R / Rainproof
Mounting	Pole or Wall
Peak Efficiency	96 %
Efficiency	95 %
Cooling Method	Convection / Fans