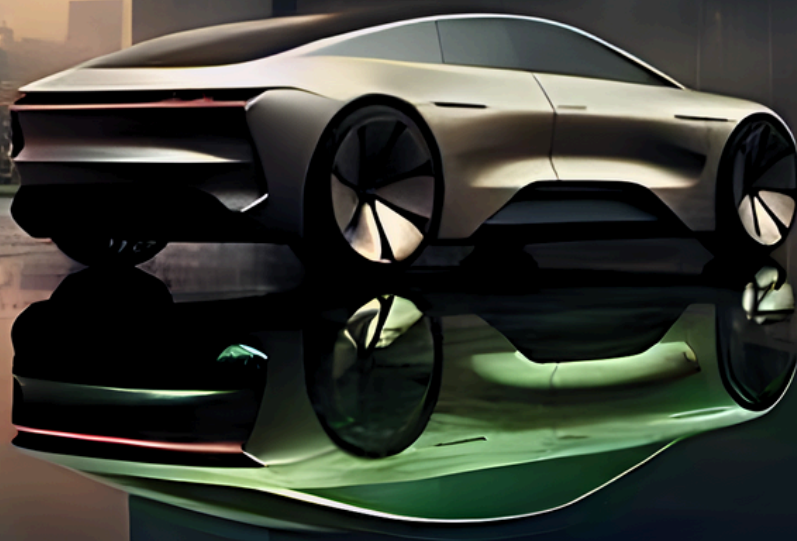


Integra:ENERGY

The EV Charging Solution



2024-25 Catalog

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POWER SELECTABLE

IEV Level 2, 48A Series

Specifications:

Model Number	IEV-48SEL-18F-5C-4G
Input Current	48/40/32/16A
Input Voltage (Single phase)	200-240v/60Hz
Network Connectivity	Ethernet + 4G + WiFi
RFID+QR Code	Included
ISO 15118 Compliant	Yes/ Optional
Local Load Management	Optional
OTA Technology	Included
Plug	SAE J1772 Type 1
Number of Port	Single
Charging Cable	18ft
OCPP 2.0	Yes
Open ADR 2.0b Compliant	N/A
CTEP	Yes
AC Input Connection	L/N/GND
Max Output, 60Hz	48A/11.5kW
Hardwired	Yes
Dimensions (H x W x D)	13.8 x 9.8 x 5.1 inch
Weight	18.1 lbs
IP Protection	IP 65 for charger; IP54 for cable NEMA 3
Tamper Resistant	IK08, except LCD & RFID
Cable Management	Optional
Operating Temperature	-22 to 122 °F
Humidity	Max 85%
Metering Accuracy	+/- 1%
Input Protection	UVP, OVP, RCD, SPD
Internal Protection	OTP, MCU function fault
Safety	UL2594, UL2231-1/-2
FCC Compliant	Yes
Energy Star Certified	Yes
Power Configuration	Built-in
Output Protection	OCP, Control Pilot Fault
LCD Display	5-inch LCD Display

***ISO 15118 Compliant**



***Cable Hook Included**



IEV-EVSTAND6X6MOD



IEV-EVSTAND6X6MOD
IEV-48SEL-18F-5C-4G

POWER SELECTABLE

IEV Level 2, 80A Series

Specifications:

Model Number	IEV-80SEL-18F-5C-4G
Input Current	80/48A
Input Voltage (Single phase)	200-240v/60Hz
Network Connectivity	Ethernet + 4G + WiFi
RFID+QR Code	Included
ISO 15118 Compliant	Yes/ Optional
Local Load Management	Optional
OTA Technology	Included
Plug	SAE J1772 Type 1
Number of Port	Single
Charging Cable	18ft
OCPP 2.0	Yes
Open ADR 2.0b Compliant	N/A
CTEP	Yes
AC Input Connection	L/N/GND
Max Output, 60Hz	80A/19.2kW
Hardwired	Yes
Dimensions (H x W x D)	13.8 x 9.8 x 5.1 inch
Weight	19.8 lbs
IP Protection	IP 65 for charger; IP54 for cable NEMA 3
Tamper Resistant	IK08, except LCD & RFID
Cable Management	Optional
Operating Temperature	-22 to 122 °F
Humidity	Max 95%
Metering Accuracy	+/- 1%
Input Protection	UVP, OVP, RCD, SPD
Internal Protection	OTP, MCU function fault
Safety	UL2594, UL2231-1/-2
FCC Compliant	Yes
Energy Star Certified	Yes
Power Configuration	Built-in
Output Protection	OCP, Control Pilot Fault
LCD Display	5-inch LCD Display

***ISO 15118 Compliant**



***Cable Hook Included**



IEV-EVSTAND6X6MOD



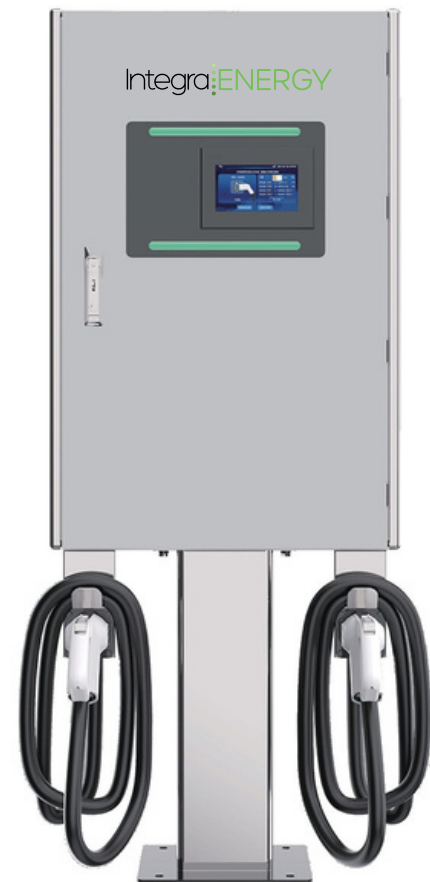
IEV-EVSTAND6X6MOD
IEV-80SEL-18F-5C-4G

IEV Level 3, DC Fast Series - 60kW

Specifications:

Model Number	IEV/D060/SN25/EG/G
Maximum Output Power	DC 60kW
Max. Input Current	3Φ92A
Voltage Rating	3Φ480Vac(+10%,-15%)
DC Charging Connector	200A CCS1 25ft, 200A NACS 25ft
Voltage Accuracy	±0.5%
Current Accuracy	±1%
Standby Power	< 35W
Electrical Isolation	Between Input and Output
Load Management	Via OCCP 1.6 JSON
Backend Support	OCPP 1.6 JSON
Safety	UL2202,UL2231
FCC Compliantion	Yes
Ingression Protection	NEMA 3R
Anti-Vandalism	IK10, not include LCD & RFID
Dimensions (H x W x D)	25.59 x 5.91 x 39.37 inch
Weight	265 Lbs
Power Factor	> 0.98
Efficiency	> 95%, at optimize V/I point
Output Voltage Range	150Vdc ~ 1000Vdc
Maximum Output Current	200A
Simultaneously Output Mode	0%, 50%, 100%
Input Protection	OVP, OCP, OPP, UVP, RCD, SPD
Output Protection	OCP, OVP, LVP, OTP, IMD
Internal Protection	OTP, AC/DC contactor detection
Display	7-inch LCD
User Authentication	RFID, QR Code
Operation Temperature	-22°F to 122°F
Storage Temperature	-40°F to 158°F
Relative Humidity	5%~95% RH, non-condensing
Cooling	Fan Cooling

***ISO 15118 Compliant**



IEV Level 3, DC Fast Series - 60kW

Specifications:

Model Number	IEV/D060/SS15/EWG/W
Maximum Output Power	DC 60kW
Max. Input Current	3Φ93Vac
Voltage Rating	3Φ480Vac(+10%,-15%)
DC Charging Connector	Dual 200A CCS1 15ft
Voltage Accuracy	±2%
Current Accuracy	±2%
Standby Power	< 100W
Electric Isolation	Between Input and Output Via OCCP
Load Management	1.6 JSON
Backend Support	OCCP 1.6 JSON
Safety	UL2202,UL2231
FCC Compliant	Yes
Ingression Protection	IP55 NEMA 3R
Anti-Vandalism	IK10, not include LCD & RFID
Dimensions (WxDxH inch)	27.56 x 13.03 x 70.87 inch
Weight	518 Lbs
Power Factor	> 0.99
Efficiency	> 94%, at optimize V/I point
Output Voltage Range	150Vdc ~ 950Vdc
Maximum Output Current	120A@150Vdc~500Vdc/63A@950Vdc
Simultaneously Output Mode	0%, 50%, 100% (Note 1)
Input Protection	OVP, OCP, OPP, UVP, RCD, SPD
Output Protection	OCP, OVP, LVP, OTP, IMD
Internal Protection	OTP, AC/DC contactor detection, Fuse detection
Display	7-inch LCD
User Authentication	RFID, QR Code, Mobile APP
Operation Temperature	-22°F to 122°F
Storage Temperature	-40°F to 158°F
Relative Humidity	5%~95% RH, non-condensing
Cooling	Fan Cooling



Cable Management Compatibility:

Model Number	Description
IEV/C M15/060	Cable Management for 15ft cable IEV Level 3 DC Fast Charger 60kW
IEV/CM15/120/180	Cable Management for 15ft cable IEV Level 3 DC Fast Charger 120/180kW

***ISO 15118 Compliant**

IEV Level 3, DC Fast Series - 120kW

Specifications:

Model Number	IEV/D120/SS15/EWG/W
Maximum Output Power	DC 120kW
Max. Input Current	3Φ183Vac
Voltage Rating	3Φ480Vac(+10%,-15%)
DC Charging Connector	Dual 200A CCS1 15ft
Voltage Accuracy	±2%
Current Accuracy	±2%
Standby Power	< 100W
Electric Isolation	Between Input and Output
Load Management	Via OCCP 1.6 JSON
Backend Support	OCCP 1.6 JSON
Safety	UL2202,UL2231
FCC Compliant	Yes
Ingression Protection	IP55 NEMA 3R
Anti-Vandalism	IK10, not include LCD & RFID
Dimensions (WxDxH inch)	31.50 x 25.60 x 74.80 inch
Weight	925 Lbs
Power Factor	> 0.99
Efficiency	> 94%, at optimize V/I point
Output Voltage Range	150Vdc ~ 950Vdc
Maximum Output Current	200A@600Vdc / 120A @ 500Vdc
Simultaneously Output Mode	0%, 50%, 100% (Note 1)
Input Protection	OVP, OCP, OPP, UVP, RCD, SPD
Output Protection	OCP, OVP, LVP, OTP, IMD
Internal Protection	OTP, AC/DC contactor detection, Fuse detection
Display	7-inch LCD
User Authentication	RFID, QR Code, Mobile APP
Operation Temperature	-22°F to 122°F
Storage Temperature	-40°F to 158°F
Relative Humidity	5%~95% RH, non-condensing
Cooling	Fan Cooling



Cable Management Compatibility:

Model Number	Description
IEV/C M15/060	Cable Management for 15ft cable IEV Level 3 DC Fast Charger 60kW
IEV/CM15/120/180	Cable Management for 15ft cable IEV Level 3 DC Fast Charger 120/180kW

***ISO 15118 Compliant**

IEV Level 3, DC Fast Series - 180kW

Specifications:

Model Number	IEV/D180/SS15/EWG/W IEV/D180/SS23/EWG/W
Maximum Output Power	DC 180kW
Max. Input Current	3Φ274Vac
Voltage Rating	3Φ480Vac(+10%,-15%)
DC Charging Connector	SS15: Dual 300A CCS1 15ft SS23: Dual 300A CCS1 23 ft
Voltage Accuracy	±2%
Current Accuracy	±2%
Standby Power	< 100W
Electrical Isolation	Between Input and Output
Load Management	Via OCCP 1.6 JSON
Backend Support	OCCP 1.6 JSON
Safety	UL2202,UL2231
FCC Compliant	UL2202
Ingression Protection	IP55 NEMA 3R
Anti-Vandalism	IK10, not include LCD & RFID
Dimensions (WxDxH inch)	31.50 x 25.60 x 74.80 inch
Weight	1102 Lbs
Power Factor	> 0.99
Efficiency	> 94%, at optimize V/I point
Output Voltage Range	CCS1 150Vdc ~ 950Vdc
Maximum Output Current	200A@900Vdc / 120A @ 500Vdc
Simultaneously Output Mode	0% , 50% , 100%
Input Protection	OVP, OCP, OPP, UVP, RCD, SPD
Output Protection	OCP, OVP, LVP, OTP, IMD
Internal Protection	OTP, AC/DC contactor detection, Fuse detection
Display	7-inch LCD
User Authentication	RFID, QR Code, Mobile APP
Operation Temperature	-22°F to 122°F
Storage Temperature	-40°F to 158°F
Relative Humidity	5%~95% RH, non-condensing
Cooling	Fan Cooling



Cable Management Compatibility:

Model Number	Description
IEV/CM15/120/180	Cable Management for 15ft cable IEV Level 3 DC Fast Charger 120/180kW
IEV/CM23/120/180	Cable Management for 23ft cable IEV Level 3 DC Fast Charger 120/180kW

***ISO 15118 Compliant**

IEV Level 3, DC Fast Series - 360kW

Specifications:

Model Number	IEV/D360/SS15/EWG/W	IEV/D360/SS15X2/EWG/W
Configuration	- 360kW Power Cabinet - 1 unit of Dual Gun Dispenser; total of 2 Guns	- 360kW Power Cabinet - 2 units of Dual Gun Dispensers; total of 4 Guns
Maximum Output Power	DC 360kW	DC 360kW
Max. Input Current	549A	549A
Voltage Rating	3Φ480Vac(+10%,-15%)	3Φ480Vac(+10%,-15%)
DC Charging Connector	1 Dispenser of Dual 300A CCS1	2 Dispensers of Dual 300A CCS1 15ft
Voltage Accuracy	±2%	±2%
Current Accuracy	±2%	±2%
Standby Power	< 100W	< 100W
Electrical Isolation	Between Input and Output	Between Input and Output
Load Management	Via OCCP 1.6 JSON	Via OCCP 1.6 JSON
Backend Support	OCPP 1.6 JSON	OCPP 1.6 JSON
Safety	UL2202,UL2231	UL2202,UL2232
FCC Compliant	UL2202	UL2203
Ingression Protection	IP55 NEMA 3R	IP55 NEMA 3R
Anti-Vandalism	IK10, not include LCD & RFID	IK10, not include LCD & RFID
Dimensions (WxDxH inch)	Power Cabinet: 55.12 x 31.50 x 74.80 inch	Power Cabinet: 55.12 x 31.50 x 74.80 inch
Weight	Power Cabinet: 2,643 Lbs Dispenser: 660 Lbs	Power Cabinet: 2,643 Lbs Dispensers: 660 Lbs x 2 units
Power Factor	> 0.99	> 0.100
Efficiency	> 94%, at optimize V/I point	> 94%, at optimize V/I point
Output Voltage Range	CCS1 150Vdc ~ 950Vdc	CCS1 150Vdc ~ 950Vdc
Maximum Output	300A@950Vdc	300A@950Vdc
Simultaneously Output Mode	0% , 50% , 100%	0% , 50% , 100%
Input Protection	OVP, OCP, OPP, UVP, RCD, SPD	OVP, OCP, OPP, UVP, RCD, SPD
Output Protection	OCP, OVP, LVP, OTP, IMD	OCP, OVP, LVP, OTP, IMD
Internal Protection	OTP, AC/DC contactor detection, Fuse detection	OTP, AC/DC contactor detection, Fuse detection
Display	7-inch LCD	7-inch LCD
User Authentication	RFID, QR Code, Mobile APP	RFID, QR Code, Mobile APP
Operation Temperature	-22°F to 122°F	-22°F to 122°F
Storage Temperature	-40°F to 158°F	-40°F to 158°F
Relative Humidity	5%~95% RH, non-condensing	5%~95% RH, non-condensing
Cooling	Fan Cooling	Fan Cooling



IEV/D360/SS15/EWG/W (Dispenser X 1)



IEV/D360/SS15X2/EWG/W (Dispensers X 2)

Cable Management Compatibility:

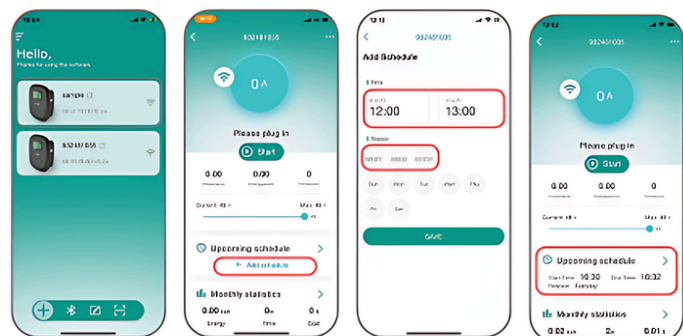
Model Number	Description
IEV/CM15/060	Cable Management for 15ft cable IEV Level 3 DC Fast Charger 60kW
IEV/CM15/120/180	Cable Management for 15ft cable IEV Level 3 DC Fast Charger 120/180kW

***ISO 15118 Compliant**

IEV Level 2, Residential Series

Specifications:

Model Number	IEV/A48/J18
Input Current	48A
Input Voltage (Single phase)	208-240v/60Hz
Network Connectivity	LAN + WiFi + BLE5.0
RFID+QR Code	Included
Credit Card	Optional
Local Load Management	Included
OTA Technology	Included
Plug	SAE J1772 Type 1
Number of Port	Single
Charging Cable	18ft
OCPP 2.0	N/A
Open ADR 2.0b Compliant	N/A
CTEP	N/A
AC Input Connection	L/N/GND
Max Output, 60Hz	48A/11/5kW
Hardwired	Yes
Dimensions (H x W x D)	12.30 x 10.20 x 4.10 inch
Weight	22 Lbs with Plug
IP Protection	IP54/NEMA 3
Tamper Resistant	IK10, except RFID
Cable Management	Optional
Operating Temperature	-22 to 122 °F
Humidity	Max 85%
Metering Accuracy	+/- 1%
Input Protection	UVP, OVP, RCD, SPD
Internal Protection	OTP, MCU function fault
Safety	UL2594
FCC Compliant	Yes
Energy Star Certified	Yes
Power Configuration	Built-in
Output Protection	OCP, Control Pilot Fault
LCD Display	N/A



Model Number	Description
IEV/A48/J18	Integra IEV Level 2, 48 Amp Base, Limited Software, Type 1 SAE J1772, 18ft cable
IEV/A48/N18	Integra IEV Level 2, 48 Amp Base, Limited Software, NACS SAE J1772, 18ft cable

Accessories Pedestal, Retractor and Cable Management

Specifications:

Model Number	Description	Compatibility	Dimensions (LxWxH) inch
IEV/Hook 01	Cable Hook	SAE J1772	
IEV/PED/P88S	Pedestal for one IEV Level 2 Charger	Level 2 32A/48A/80A Chargers	12.9 x 8.2 x 88.5
IEV/RET/R16S	Retractor, for Single IEV Level 2 Charger, Compatible with PED1/P88 Pedestal, 16ft Cable	Level 2 32A/48A/80A Chargers	12.9 x 8.2 x 88.5
IEV/PED/P88D	Pedestal, for Dual IEV Level 2 Charger, 88 inch Base	Level 2 32A/48A/80A Chargers	12.9 x 8.2 x 88.5
IEV/RET/R16D	Retractor, for Dual IEV Level 2 Charger, Compatible with PED2/P88 Pedestal, 16ft Cable	Level 2 32A/48A/80A Chargers	12.9 x 8.2 x 88.5
IEV/PED/55S	Pedestal for Single charger Level 2 IEV, 55 inch Base	Level 2 48A/80A Power Selectable Chargers	
IEV/PED/55D	Pedestal for Dual chargers Level 2 IEV, 55 inch Base	Level 2 48A/80A Power Selectable Chargers	
IEV/PCM/55S	Pedestal with Cable Management for Single charger Level 2 IEV, 55 inch Base	Level 2 48A/80A Power Selectable Chargers	
IEV/PCM/55D	Pedestal with Cable Management for Dual chargers Level 2 IEV, 55 inch Base	Level 2 48A/80A Power Selectable Chargers	
IEV/CM15/060	Cable Management for 15ft cable IEV Level 3 DC Fast Charger 60kW	Level 3 FastDC 60kW Chargers	
IEV/CM15/120/180	Cable Management for 15ft cable IEV Level 3 DC Fast Charger 120/180kW	Level 3 FastDC 120/180kW Chargers	
IEV/CM23/120/180	Cable Management for 23ft cable IEV Level 3 DC Fast Charger 120/180kW	Level 3 FastDC 120/180kW Chargers	
IEV/CM15/360	Cable Management for 15ft cable IEV Level 3 DC Fast Charger 360kW	Level 3 FastDC 360kW Chargers	
IEV/CCR1	Credit card Reader		



Cable Hook



Dual Pedestal

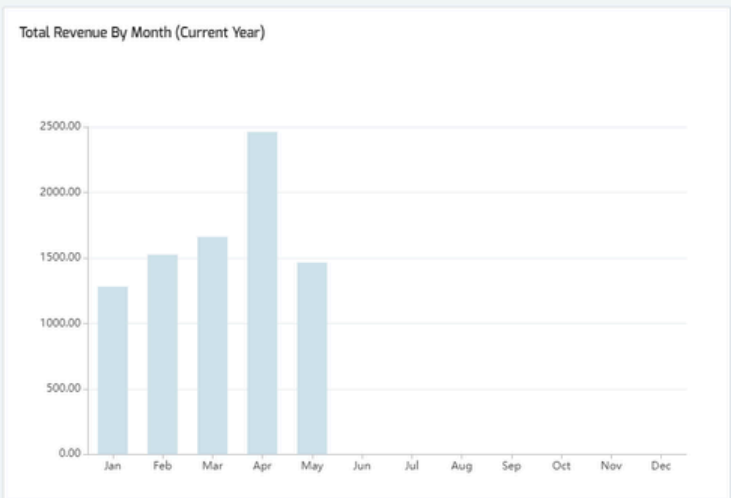
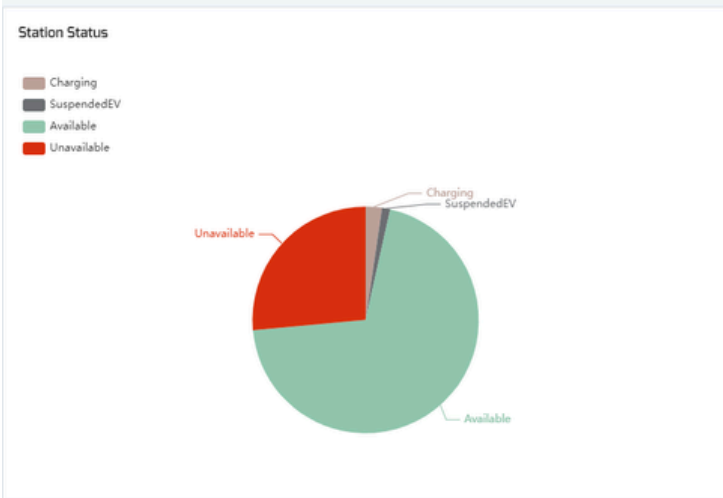
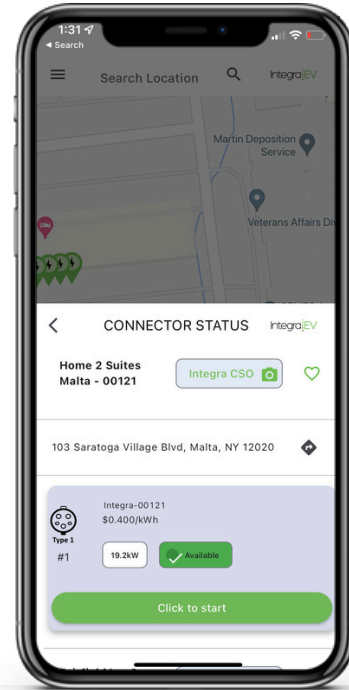
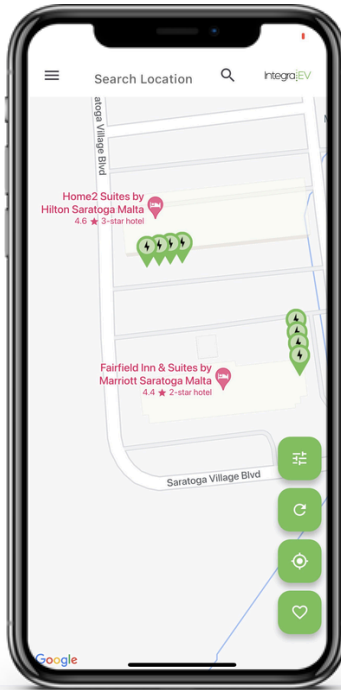


Cable Management
for 15ft Cable



Cable Management
for 23ft Cable

EV Charging Management Software



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