## 

# IQ HOME SOLAR INSTALLATION GUIDE

IOCAH30-7TE-RW IOCAH30-22TE-RW

Version 2.0

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## CONTENTS

Specifications	3
Product Overview	4
Safety Instruction	5
Installation Notes	6
Box Contents	7
Wall Mounting	8
CT Clamp Installation	10
Single Phase Installation Diagram	11
Three Phase Installation Diagram	11
CT Clamp Wiring	12
Internet Connection and Charger Installation	13
Web-Interface Access and WIFI Setup	15
Charger Configuration - Accessing Charger Settings	17
Charger Configuration - CT Clamp Set Up	18
Charger Configuration - Grid Supply Set Up	19
Connect Charger to Ocular Smart Home App	21
Appendix A - Troubleshooting	22
Appendix B - Charger Error Codes	23
Appendix C - CT Clamp Specifications	24
Appendix D - Change the Charger to 'Start Charging On Plug'	25

## **IMPORTANT!**

Read this entire document before installing or using the charger. Failure to do so or to follow any of the instructions and warnings in this document can result in fire, electrical shock, serious injury, or death.

The charger must be installed by a qualified electrician.

The entire installation must comply with the latest AS/NZS 3000:2018 standards.

## SPECIFICATIONS

Model Number	IOCAH30-7TE-RW	IOCAH30-22TE-RW
Power		
Power Output	7.2kW (1-Phase)	22kW (3-Phase)
EV Charging Connector	5m Type	-2 Cable
Input and Output Voltage	230V ± 20%	400V ± 20%
Input and Output Current	32A max	per phase
Recommended Circuit Breaker	40A type	A RCBO
Frequency (Hz)	50/6	60Hz
Current Transformers (CT) for Solar and	Load Control	
CTs Included	1	3
CT Length of Signal Line	20m (Extendable up to 100m w	ith insulated twisted pair cable)
CT Primary Rated Current	100A ma	x current
CT Internal Diameter	16mm (fits max cab	le size 50mm² XLPE)
User Interaction		
Display	LED indica	ation lights
RFID Reader	ISO14443 Type A	cards compatible
Charger Control Method	Mobile App, physical butte	on, RFID, plug and charge
Safety		
Internal RCD	RDC-DD 30mA &	6mA DC Leakage
Electrical Protection	Over current, Short circuit, C Ground fault, Lightning	Over voltage, Under voltage, surge, Over temperature
Communication		
OCPP	1.6J and 2.0.1 (Firmw	are upgrade required)
Internet Connection	Ethernet, Wi-Fi, 40	G (4G version only)
Communication Type	Modbus	(TCP/IP)
Energy Metre	Integrate	ed Metre
Load Control	Compatible with Ocular Load C	ontroller or OCPP smart profiles
General Data		
Ambient Air Temperature for Operation	-30 to	o +50
Ambient Air Temperature for Storage	-40 to	0 +70
Working Humidity	5% - 95% relative hun	nidity, non-condensing
IP Performance	IP	55
Mounting	Wall N	Mount
Dimension (H x W x D, mm)	398 * 285	* 226 mm
Net Weight	4.5 kg	4.7 kg
Certification	CE, IEC /EN 61851-1, IEC 6 IEC/EN 61851-21-2	1008-1-A1, IEC 62955-1-A1, , IEC 62196-2, RCM
Warranty	2 Years (Extended v	varranties available)

## PRODUCT OVERVIEW



No	Item
1	Type-2 charging cable and plug
2	LED status indicator
3	RFID
4	Physical button
5	Plug storage recess

#### SAFETY INSTRUCTION

This document contains important instructions and warnings that must be followed when installing and maintaining the Ocular IQ Home Solar.



Installation and maintenance of the charger should only be conducted by a qualified and licensed electrician.

Make sure that materials used, and installation procedures follow local building codes and safety standards, including AS/NZS 3000:2018.

Do not install or use the charger near flammable, explosive, harsh, or combustible materials, chemicals, or vapours.

Always deenergise and isolate the unit before installation, opening the unit, or performing maintenance from the circuit breaker or isolator.

Do not attempt to open, disassemble, repair, tamper with, or modify the charger unless you are a licensed electrician. The unit is not user serviceable.

Do not use the charger if it appears defective, cracked, frayed, broken, damaged, or fails to operate.

Do not use this charger if the EV charging cable is frayed, has broken insulation, or shows any other indication of damage.

Do not use this charger if the enclosure or EV charging connector is cracked, open, or shows any indication of damage.

Do not touch the charger sockets with sharp metallic objects, such as wire, tools, or needles, and do not put fingers into the sockets.

Incorrect installation and usage of the charger could potentially damage the vehicle's battery and/or the charger itself, voiding the warranty for both.

Do not operate the charger in temperatures outside its range of -30°C to +50°C.

Ensure that the EV charging cable is positioned properly in the charging sockets. Do not use cleaning solvents on any charger components.

## NOTES BEFORE INSTALLATION

The charger should be protected by an external Residual Current Device (RCD) to be installed in the upstream circuit which complies with the following:

- Type-A Rated residual operating current not exceeding 30 mA
- Required as per Appendix P, AS/NZS 3000:2018 Australian and New Zealand Standards for EV charging stations.

Recommended (Note installation requirements are site specific and may vary):

- 40A 30mA Type A RCBO
- Isolation Switch close to the charger
- 10mm2 2C (or 4C) + E Cabling

## **TOOLS REQUIRED**

- Philips #1 screwdriver Philips #2 screwdriver
- 2.5 mm flat blade terminal screwdriver
- Electric drill
- EV charger tester (e.g. Metrel 3152)
- Laptop or mobile device
- Ferrule crimping tool

## Step drill bit

#### Notes:

Installer is responsible for providing appropriate glands, fittings and conduit to secure the incoming power supply, CT clamps and Data cables. For the power cable entry, a 25mm gland or Plain to Screw Adaptor for using conduit can be used. For the CT Clamp/Data cable entry, a 16mm glad can be used or a 20mm Plain to Screw Adaptor for conduit. Installer will need to use a step drill bit to open the hole to 20mm.

For a rear entry installation, the installer will need to use the step drill bit to open up a hole in the back of the charger.

It is the Installers responsibility to maintain the IP rating of the charger during and after installation.

## **BOX CONTENTS**



extension.

#### CT clamps

- 1 clamp
- 3 clamp

See "CT Clamp Installation" section for more information.

cable (E.g. Cat5) with soldering tools for the

## WALL MOUNTING AND WIRING

 Use the enclosed template to mark and drill the mounting holes. Only three screws are required during wall mounting. Using the top screw hole is not required.





2. Using opening tool (included in the box) remove the black front cover, then unscrew the gray panel.



3. Unclip the communication cable and put the front panel aside to protect the cover during installation.

The charger can be installed with the power and data cables coming in from the bottom using the existing entry holes, or with the cables coming in through the wall and rear of the charger. For rear entry, use a step drill bit to make a hole in the space provided. Ensure appropriate steps are taken to seal the opening to maintain IP rating. Seal the bottom entry holes with the provided entry hole caps.



4. Remove rubber plugs, fix the device on the wall with screws, and then replace rubber plugs.

It is critical that the rubber plugs get replaced otherwise the IP rating of the charger will be impacted.

5. Connect the cables into the terminal block.

Tighten the terminal with a torque of 1.2 Nm. Do not over-tighten.

For cable clamp, tighten the screws with a torque of 0.5-0.7 Nm. The bottom cable clamp is removable if required.

6. The Dip Switch located on the PCB behind the front panel can be used to set a hard current limit on the charger. A switch in the up position is OFF, while a down position is ON.

Inform the customer that the charger has been set with a hard limit and make a note in this user manual.

Dip 1	Dip 2	Dip 3	Current Limit
OFF	OFF	OFF	32 A
OFF	OFF	ON	25 A
OFF	ON	OFF	20 A
OFF	ON	ON	16 A
ON	OFF	OFF	10 A







12

## **CT CLAMP INSTALLATION**

CT Clamps are used to measure the household load and the amount of solar export. These values are critical to the proper operation of the solar modes and the in-built load control system, which prevents tripping of the household's main board. CT Clamps need to be installed on the grid side of the main switch board. The CT clamps have an arrow on the top that needs to point away from the grid and towards the house main board.



#### **Critical Installation Note:**

The CT Clamps need to be mounted in the correct direction. Install the CT clamps so that the arrow is pointing away from the grid supply and towards the main switchboard of the house.

If it is easier to route the CT cable without it connected to the CT clamp, you can cut the CT cable and then resolder the connections.

#### Extended CT Clamps

The CT Clamp cable is 20 metres long. If extension of the CT cables is needed beyond the included 20 metres, they can be extended up to a total of 75 metres using a twisted-pair cable like CAT5. **Do not use straight wire.** To join the CT cables make sure the ends are twisted tightly and joined using a soldered connection.



## SINGLE PHASE INSTALLATION



The arrow on the CT must be pointing towards the Main Board and away from the grid supply

## THREE PHASE INSTALLATION



The arrow on the CT must be pointing towards the Main Board and away from the grid supply

## CT CLAMP INSTALLATION AND WIRING

Run the CT clamp wires through the grey gland/hole located at the bottom of the charger. Wire into terminal block as indicated in the picture below.

For Single Phase, use the first two ports on the right. **N = Black**, **P = Red** 

For Three Phase, the order is reversed as per the picture below.



## INTERNET CONNECTION AND CHARGER INSTALLATION

The charger must be successfully connected to the internet during the installation process to ensure proper operation. There are three options for internet connectivity:

- Ethernet (recommended for maximum internet stability)
- WiFi
- 4G (4G capable units only)

Connect the ethernet cable to the WAN port behind the front panel. This ethernet cable can be run through the same gland as the CT clamp wires.

4G capable units will have a SIM card slot that can take a Nano Sized Sim card. To use 4G, Insert the SIM card into the SIM card slot. Confirm that the SIM card is fully seated. Configuration of the SIM card details will be completed at a later stage.

After the charger has been mounted, connected to incoming power and ethernet or 4G has been connected, the unit can be closed. WiFi connection can be done after the charger has been energised.

Reconnect the communication cable to the PCB on the front panel, tighten the screws to secure the front panel.

If the entries at the bottom of the charger were not used for any reason, replace rubber seals with plastic Entry Hole Caps.



Tighten the screws with a torque of 0.2-0.5 Nm. Do not over-tighten.



SIM Card and WAN Port





## **SET UP / PROCESS**

#### 1. Pre-energising

- Ensure connections are secure and power on the system.
- Verify all cabling is wired properly.
- Verify that the CT clamps are installed in the correct direction.
- Take a photo of the CT clamp installation (clearly showing the arrows on CT clamp) on the main board as a record. This will help any future troubleshooting.
- Energise the charger.
- LED lights should sequentially illuminate blue.
- If the LED flashes red please refer to the Troubleshooting page.

#### 2. Post-energising

- Use an EV charger tester (e.g Metrel, Fluke) to run testing following AS/NZS 3000 Section 8.3.3.1.
- If the charger does not begin to charge under testing with the EV Tester, it may not be configured to 'start charging on plug', please refer to Appendix D how to set it as 'start charging on plug'.
- Test functionality and perform safety inspection.

#### WEB-INTERFACE ACCESS AND WIFI CONNECTION

#### 1. Find the chargers' local hotspot using laptop or smart device.

Search for the charger's hotspot like you would for any Wi-Fi network. This hotspot will have the following SSID: AP\_IOC- \*\*\*\*\*\* (if needed you can find the full SSID on the sticker side of the charger)

The password for this Hotspot is: IOC12345

#### 2. Navigate to the web-interface of the Ocular Charger.

Open a web browser (Chrome, Safari, Edge) and search: 192.168.10.1:8900 The web interface will ask for Username and Password:

The login information will be: Username : install Password : installer123

You will be asked to change it to a new password.

We recommend 'Evcharging123'

Write the new login password here: \_\_\_\_

Please hand this book to the user after the installation so that they can keep track of the new password.

#### 3. (Optional): Set up WIFI configuration (not needed if ethernet is used)

- · Navigate to the Network tab (see picture below).
- · Click the "Scan" button to start scanning for available WiFi network.
- Use the dropdown list to select the required network, enter the password.
- · Click Submit then Reboot (top right-hand corner) to apply changes.
- You will then need to log back in to the web-interface to continue configuration.

Basic	^	WLAN		
Network		Enable WLAN		< Back
Server		SSID	Ocular WiFi V Scan	WLAN
Software		Encryption	WPA-PSK2 ~	Ena
LCD		Password	······ Ø	SSI
LED		DHCP		Enc
Advanced	^	IP Address	IP Address	Pas
Output Limit		Mask	Mask	DH
OCPP		Gateway	Gateway	IP A
Utilities		DNS	DNS	Ма
Balance				



#### 4. Set up 4G Connection (4G enabled version only)

- Confirm that a SIM card was inserted during the installation step.
- Navigate to the network page and then navigate to the 4G section
- Toggle the Enable 4G switch
- Energy the SIM card details including APN, Dial, pin code, user, and password.
- Click Submit then Reboot (top right-hand corner, or on the home page) to apply changes.
- Contact your sim card provider for these details or if there are connectivity issues.

;		
Enable 4G		
APN	telstra.m2m	
Dial	*99#	
Pin Code	Pin Code	
User	User	
Password	Password	0

## **CHARGER CONFIGURATION - ACCESSING THE ADVANCED SETTINGS PAGE**

#### Do not change settings other than outlined below as this may affect operations.

- 1. Log in to the web-interface of the charger. (Refer to page 15).
- 2. Click on the Balance tab, and then click on "Advanced Settings".
- 3. A new page will open that shows the Balance and CT clamp settings.



Back	Balance Guide	< Back	Balance	
Mode		Balance	9	
SN	M_AW13223820371	SN	M_AW132238	2037
Mode	Master Charger (TCP) >	Mode	M_IOCAH13	
	Next step	Vend	or Ocular	
	Advanced Settings	Mode	Master TCP S	erv )
	The full control of the second	Data	Format Modbus RTU	>
		Top F	Port 22401	
		Powe	r Type Gateway	>
		Selfo	FroupId 4	
		Join(	GroupId -1	
		Basic	Broadcast Port 10000	
		Solar		
		Powe	er Miving	

## **CHARGER CONFIGURATION - CT CLAMP SET UP**

- 1. Scroll down the page until you can see the settings boxes for HUB1 & Grid Current.
- 2. Ensure HUB1 is toggled on (Blue indicator).
- 3. Configure HUB1 settings as in the pictures below. Note the differences between the Single Phase and Three Phase setups.
  - **A. Single Phase** Toggle off the 3-phase button, set CT1 position to "Main", ensure ratio is set to 2000:1 and set Phase to "L1".
  - **B. Three Phase** Toggle on the 3-phase button, set CT1 position to "Main", ensure ratio is set to 2000:1 and set Phase to "L1".

Note			COMPACT EDITION OF	
Year	NGC ^	Formy Mode the		
York     2     Hell * Single Phase Setup       Ammentation     Ammentation       York     Yor	Network	100 .		
00000         Assam as           100         Assam as           100         Share as           100         Image frage           1000         Image frage           1000 <th>Server</th> <th>2 HUB1 C Single Phase Setup</th> <th></th> <th></th>	Server	2 HUB1 C Single Phase Setup		
100       1	Software	Address 254		
100         CT         Pade         Pa	100	A S.Phase		
Numeric         1 </td <td>LED</td> <td>CT Position Ratio Phase Address 254</td> <td></td> <td></td>	LED	CT Position Ratio Phase Address 254		
Corr         2         Mail         2         Mail         Plane           Corr         3         Mail         1         Mail         Plane           Strate         3         Mail         1         Mail         Plane           Mail         Mail         Mail         1         Mail         Plane           Mail         Mail         Mail         1         Mail         Plane           Mail         Mail         Mail         Mail         Mail         Mail           Mail         Mail         Mail         Mail	Avenued ^	1 Main V 2000:1 V L1 V B 3-Phase C		
00%         3         Nm         2000 1         1         Nm         2000 1         1           00%         MA2          1         Nm         2000 1         1         1           00%         MA2           1         Nm         2000 1         1         1         1         1         Nm         2000 1         1	Output Limit	2 Main V 20011 V L1 V CT Position	Ratio	Phase
same M22 Constant Con	OCFP	3 Main V 2000:1 V L1 V	2000:1	~ u ~
Balance         PARE         Image: Im	Utilities			
Trut:         HAB           Order Trut:         Order Trut:           Naces         Image: Stage County Stage C	Delarce	HUB2		
	Thed	HUBS (		
Ordy Carefa         Ord Ca	tatistos A			
Varial         Imoregia Seguri Control Si Ni         00           Lop         Imoregia Seguri Control Si Ni         00           Varial         Imoregia Seguri Control Si Ni         00	Charries Bassed	Grid Current		
tarana and and and and and and and and and	the second se	Incoming Supply Clapacity (0.1A) 600		
Nor or Southern heye 0.1 Anno - Southern - Sou	1.000	Insuth Current (Use largest A dovice in go property 0.1A)		
Upper		Max Grid + Solar@attery Supply (0.1A) 65535		
Energy Management Server	· ·			
	Upgride	Energy Management Server		

HUB1       HUB1       HUB1         2       Address       254         A       3-Phase       CT         CT       Position       Ratio         Phase       CT       Position         1       Main       2000:1       L1         2       NA       2000:1       L1         3       NA       2000:1       L1         HUB2       Grid Current       Grid Current	Back	Ba	lance	Submit	< Back	Bal	ance	
2     Address     254       A     3-Phase     Image: CT       CT     Position     Ratio       1     Main     2000:1       2     N/A     2000:1       3     N/A     2000:1       HUB2     Image: CT       Grid Current	HUB1				HUB1			
3-Phase       3-Phase         CT       Position         1       Main         2       NA         2       NA         2       000:1         1       L1         3       NA         2000:1       L1         HUB2       Grid Current	Add	ress 254			Add	ress 254		
CT         Position         Ratio         Phase           1         Main         2000:1         L1           2         NA         2000:1         L1           3         NA         2000:1         L1           HUB2         Grid Current         Grid Current	A 3-Ph	hase 🔾			3-Pf	nase 💽	)	
1       Main       2000:1       L1         2       N/A       2000:1       L1         3       N/A       2000:1       L1         HUB2       Grid Current       Grid Current	СТ	Position	Ratio	Phase	СТ	Position	Ratio	Ph
2 NA V 2000:1 V L1 V 3 NA V 2000:1 V L1 V HUB2 Grid Current	1	Main	2000 : 1	~ [1] ~]	1	Main ~	2000 : 1	~ [L1
3 N/A V 2000:1 V L1 V HUB2 O Grid Current	2	N/A >	2000 : 1	~ [11 ~]	HUB2	0		
HUB2 Grid Current	3	N/A >	2000 : 1	~ L1 ~ )				
HUB2 Grid Current					HUB3	$\bigcirc$		
Grid Current	HUB2	$\bigcirc$						
					Grid Cu	urrent		

Single Phase Setup

Three Phase Setup

## **CHARGER CONFIGURATION - GRID SUPPLY SET UP**

1. Set the Incoming Supply Capacity and Inrush Current.

**Incoming Supply Capacity:** This is the maximum current that the main MCB can handle.

**Inrush Current:** This is a safe margin reserved to prevent the circuit from overloading. We recommend setting it to be a minimum of 10% of Incoming Supply Capacity or the largest possible current draw from a device.

The maximum charging speed of the charger is:

## Maximum charging speed = Incoming Supply Capacity - Inrush current - Current from other loads

- 2. In the top right hand corner of the screen, click "Submit" and then "Reboot".
- 3. The charger will reboot and then can be used.

Setup Wizard		Online: Ethernet Reboot Reload Submit				
Basic ^	Basic Bloadcast Port 10000	2				
Network	Solar 🚺					
Server	Power Mixing 1-Phase EV Net metering $\vee$					
Software	Energy Mode Full V					
LCD						
LED	HUB1					
Advanced ~	AUGES 254					
Temperature	CT Borthon Data Diara					
Output Limit						
осрр						
Utilities	HUB2					
Bafance						
Third						
Hardware ^	Grid Current					
Connectors	Incoming Supply Capacity (0.1A) 600					
ELockers	Invush Current (Use largest A device in 80 Property 0.1A)					
Output	Max Grid + Solar/Battery Supply (0.1A) 65535 Do not change					

	Back	Bal	ance	Subm
	HUB2			
	нивз			
	Grid Current			
ſ	Incoming Supp (0.1A)	y Capacity	800	Update these value
l	Inrush Current A device in pro	(Use largest perty 0.1A)	80	
	Max Grid + Sola	ar/Battery	65535	Do not change

#### Example

A 80Amp Main Switch Board should have:

Incoming Supply Capacity - 800

Inrush Current - 80 (10% safety is recommended as a minimum. This can be higher if required. The charger will stop charging completely if it sees load above 720 which is 72 Amps.)

\*Please note, the scale is 0.1A i.e. 1 Amp is a value of 10\*

## CONNECT CHARGER TO OCULAR SMART HOME APP

- 1. Search "Ocular Smart Home" or "Ocular Charging" on the google play or apple app store.
- 2. Download, install, and launch the app.
- 3. Follow the prompts to sign up for an account and login.
- 4. Navigate to the Group page and click "Add Station".
- 5. Enter the charger serial number. This can be found on a sticker on the side of the charger. It starts with AW and will look like AW1234567890.
- 6. Click "Add". The charger should now show up in the group page.
- 7. Navigate to the "Energy" tab.
- Enter the gateway serial number. This is the same as the charger serial number but with M\_ in front of it. It will look like M\_AW1234567890.
- 9. Click "Add" The energy tab should now show your solar and charger activity.
- 10. The charger can now be used.





## **APPENDIX A - TROUBLESHOOTING**

Situations	Actions
Status indicator	Make sure the AC power input is connected correctly.
is not blue after the charger is powered on	<ul> <li>Turn OFF the charger and then back ON using the isolator switch.</li> </ul>
	<ul> <li>If the problem persists, contact your installer for Technical Support.</li> </ul>
Status indicator does not flash blue	<ul> <li>Unplug the charging plug and reconnect it fully to the receptacle on the EV.</li> </ul>
when the charger is connected to	<ul> <li>Inspect the cable and plug for damage.</li> </ul>
the EV	Inspect the EV and its receptacle for damage.
	<ul> <li>If the situation persists, contact your installer for Technical Support.</li> </ul>
Status indicator	• There is a temporary error.
flashes red while charging	• Wait until the temporary error is resolved and the charger returns to normal condition. It usually takes less than 10 seconds.
	<ul> <li>If the status indicator doesn't return to blue, turn OFF the charger and then back ON.</li> </ul>
	<ul> <li>If the situation persists, contact Ocular Charging for Technical Support.</li> </ul>
Status indicator is	• There is a critical error.
solid red	Unplug the charging plug from the EV immediately.
	• Turn OFF the charger and then back ON.
	<ul> <li>If the situation persists, contact your installer for Technical Support.</li> </ul>

## **APPENDIX B – CHARGER ERROR CODES**

This page shows the error codes' meaning, if any of the charger presents any error listed below, please contact your installer for technical support.

LED Diagram	LED Status	Definition		
	Red light is solid	CP / CC fault		
	Alternately flashing red and green	Overcurrent / Overvoltage / Undervoltage		
	Alternately flashing red and blue	Socket lock / Output relay fault		
	Group A and B, red and red flashing alternately	Ground fault		
	Group A and B, red and green flashing alternately	RCD fault		
	Group A and B, red and blue flashing alternately	PME fault (Phase Imbalance or under / over voltage)		
	Flashing red	Other fault		

## APPENDIX C – CT CLAMP SPECIFICATIONS

Prior to setting up the CT clamps, please ensure that you have the correct CT and CT Ratio setup. Only use CT clamps provided by Ocular - The wrong CT clamps will cause a misreading and void warranty. If you must use your own CT, please speak to Ocular and confirm suitability. The Rate Transformation Ratio must be 2000:1 or the CT clamps will generate incorrect readings.

Description	Current Transformer				
Rated Current Ratio	100A:50mA				
Туре	HCT16K-TYT(E0310)				
Electrical Specificat	ions				
Rated Primary Current (A)	100A				
Secondary Current (mA)	50mA	Mechanical dimensions in mm			
Maximum Current Imax (A)	120A	K—33.8±1→4 K—38.2±1.5 →4			
Rate Transformation Ratio	2000:1				
Rated Insulation Level	4000 Vrms/60s				
Current Error	±0.5%	+1.8±1→1 (S = P2			
Rated Phase Displacement	≤80'				
Rated Frequency	50/60Hz	10±2 10 10±2 10±2			
Rated Short-time Thermal Current	400A (≤1s)				
Rated Resistive Burden	$\leq 20\Omega$	11 H			
Insulation Resistance	> 500MΩ 2KV In Air <b>Same polarity: **</b>				
Output Lead Spark Test					
Open Circuit Protection	In-built Metal Oxid Varistor				
Max Open Circuit Voltage (100A through primary loop)	8V	Direction for use			
Mechanical Specifica	ations	Direction for use			
Encapsulant	Epoxy resin				
Approx. Weight	About 425g				
Tolerance(mm)	±1.5				
Storage temperature	-40°C <t<+85°c< td=""></t<+85°c<>				
Working temperature	-25°C <t<+75°c< td=""><td></td></t<+75°c<>				
Working humidity	0-90% (no condensation)				
Enclosure flame retardant grade	UL94 V-0				

## APPENDIX D - CHANGE THE CHARGER TO 'START CHARGING ON PLUG'

If the charger does not automatically start charging while testing, then it may not be set to charge on plug. Follow the steps below to change it. The user will be able to change this setting in the Ocular App later.

- Follow the instructions on Page 15 to log into the charger web-interface.
- Navigate to the "Software" Tab under "Basic"
- Under the subsection "Switcher", tick the box next to "Start Charging on Plug"
- Click submit "Submit" on the top right-hand corner of screen, and then click "restart" on the Home page.

Setup Wizard	OCULAR	Online:	Ethernet	Reboot	Reload	Submit
Basic ^	Push Button A					
Network	Switch Connector A					
Server	Push Button Start Charging Push Button Stop Charging					
Software	Switch Language					
LCD	Switcher					
LED	Default LCD display RFID					
Regulation	Vi Start Charging on Plag					
Advanced ^	Enable Programming for Office RFID					
Temperature	Using Wifi AP as QR					
Output Limit	Show welcome screen when idle Meter/alues with full content					
осрр	Report CreditCard Transaction to CSMS					
Utilities	DateTime					
Belance	Timezone Australia/Sydney					
Third	Time Source NTP + Heartbeat					
Hardware ^						



## 

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