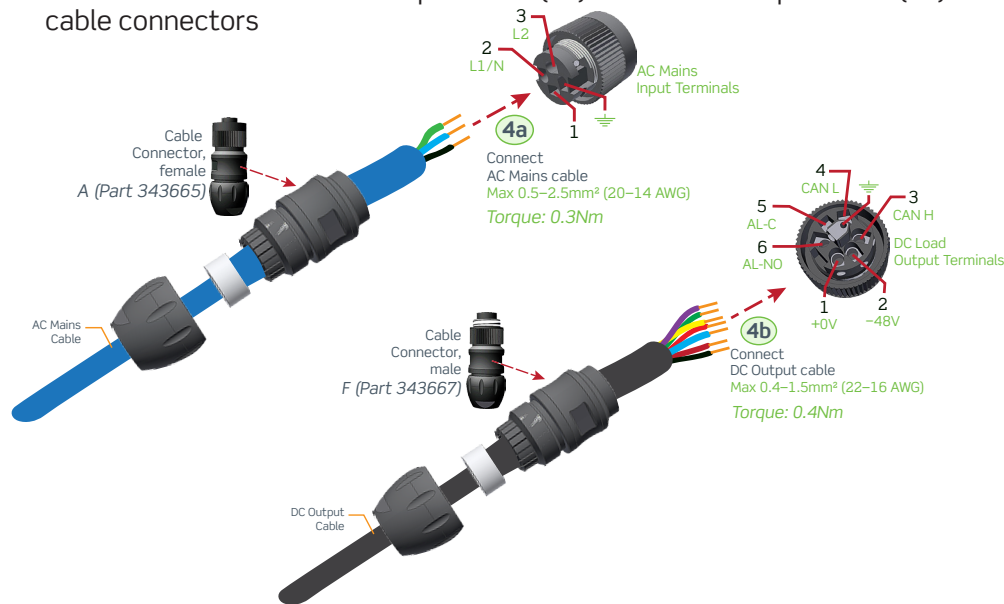




## 4- Connect the Cables to the Connectors

Connect the wires of the AC input cable (4a) and the DC output cable (4b) to the cable connectors



## 5- Connect the Connectors to the Chameleon Module

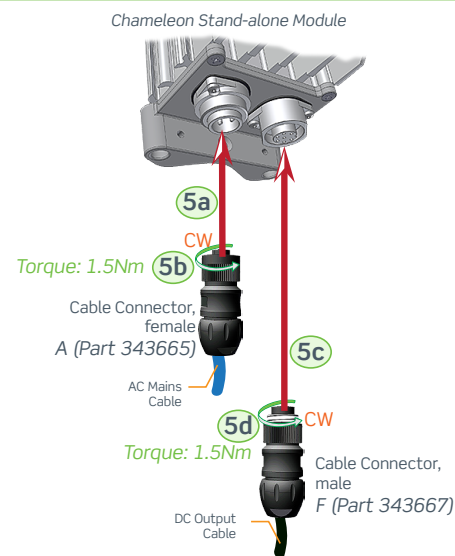
Plug the AC input cable connector to the module (5a), and tighten the coupling ring (5b)

Plug the DC output cable connector to the module (5c), and tighten the coupling ring (5d)



### WARNING:

**Hazardous voltages** may be present inside the Chameleon module, Part # 241125.155, as long as **10 minutes** after it is switched OFF (discharge time)



This product is CE marked and complies with all current requirements for relevant standards and directives.

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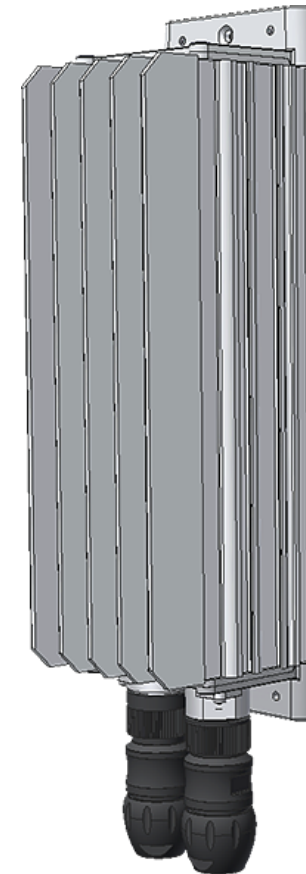
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# Chameleon Stand-alone

Power Supply Module, 48VDC, 650W, HE, IP65  
Low Power Outdoor Applications



Part 241125.105, Chameleon Module 48V, 650W, HE, IP65  
Part 241125.155, Chameleon Module 48V, 650W, HE, IP65, 200ms  
Part 241125.185, Chameleon Module 48V, 650W, HE, IP65, UI



## Important Information

The **product warranty** becomes invalid if the following safety precautions are not followed during handling, installation and commissioning of this equipment.



Qualified Personnel

### CAUTION:

- For safety reasons, the **commissioning and configuration** of the equipment is only to be performed by authorized and qualified persons.
- Please, **download the Quick Installation Guide** Chameleon Stand-alone — Doc 356849.103 — from [www.eltek.com](http://www.eltek.com), and **read it carefully** before installing and using the equipment, as installation and operation is to be performed as described in it. Always tighten screws and bolts with the **torque values recommended** in the guide.



Electric Shock

### WARNING:

- For safety reasons (high leakage current / high touch current) you must always **connect the AC earth wire (PE) to the terminals, before you connect the AC input cable(s).**
- **Be cautious! Double Pole / Neutral Fusing (fuses installed both in Live and Neutral)**



Over-Voltage Protection

### WARNING:

For outdoor applications where the product may be subject to transient overvoltages exceeding those for Overvoltage Category II, an AC Overvoltage Protection Device (OVP) complying with IEC 61643-series must be installed on the AC supply. This device will reduce the overvoltages to levels corresponding to Overvoltage Category II



Device Hazard

### CAUTION:

- If used as PERMANENTLY CONNECTED, a readily accessible disconnect device shall be incorporated external to the equipment; If used as PLUGGABLE EQUIPMENT, the socket-outlet shall be installed near the equipment and shall be easily accessible.
- Maximum operational ambient temperature of this equipment is 60°C or, if installed in a RESTRICTED ACCESS LOCATION, 70°C

## 1- Fasten the Chameleon Module to a Surface or Pole

Refer to the downloaded Quick Installation Guide Chameleon Stand-alone, Doc 356849.103

## 2- Select Correct Type of Cables

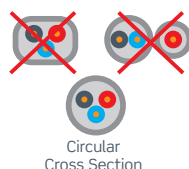
Select suitable type of cables with **circular cross section**



Device Hazard

### CAUTION:

- To avoid corrosion of the screw terminals and field failures not covered by the warranty, always use cables with **circular cross section**, and cable **connectors and seal rings** suitable for the cable's outer diameter
- The cable connectors in **Table 1** are suitable for PUR and PVC type cables with circular cable cross section



Circular Cross Section

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## 3- Select Correct Cable Connectors

Select the cable connector type that corresponds to your cable's outer diameter,  $\pm 0.2$  mm



Device Hazard

**WARNING: Wrong cable connector leads to field failure not covered by the warranty**

### Cable Connectors Selection Table

Cable Type			Cable Connector Type				
Function	Outer Diameter, mm		Connector Type		Eltek's Part No.	Binder's Part Number	Pressing Screw's Torque, Nm
Input	12—17 7.0—13	➔	A	Input Connector (SR1) Input Connector (SR2)	343665	99-4222-300-04 (3+PE)	1.6—2.0 0.8—1.4
Input	6.0—9.5	➔	B	Input Connector	334321	99-4222-00-04 (3+PE)	0.8—1.0
Input	8—10	➔	C	Input Connector	334322	99-4222-110-04 (3+PE)	1.0—1.4
Input	10—12	➔	D	Input Connector	334323	99-4222-14-04 (3+PE)	1.0—1.4
Input	12—14	➔	E	Input Connector	314804	99-4222-160-04 (3+PE)	1.0—1.4
Output	12—17 7.0—13	➔	F	Output Connector (SR1) Output Connector (SR2)	343667	99-4217-300-07 (6+PE)	1.6—2.0 0.8—1.4
Output	6—8	➔	G	Output Connector	334328	99-4217-00-07 (6+PE)	0.8—1.0
Output	8—10	➔	H	Output Connector	334329	99-4217-110-07 (6+PE)	1.0—1.4
Output	10—12	➔	I	Output Connector	334330	99-4217-14-07 (6+PE)	1.0—1.4
Output	12—14	➔	J	Output Connector	314805	99-4217-160-07 (6+PE)	1.0—1.4

Table 1. Selection of Cable Connectors

