

OCT-401 CHARGER

FOR CHARGING SP-401 AIRFIELD LIGHTS

OCT-401 Charger is designed to recharge SP-401 lighting units. It can be used as backup charger for solar-powered SP-401 lights or as stationary charger for SP-401 portable lights. OCT-401 requires standard electrical socket and can operate on both 110 or 230 VAC.

FEATURES

- Charging of up to 10 x SP-401 airfield lights
- Universal AC input (110-230VAC)
- Forced air cooling by built-in DC Fan
- Protected from short circuit / overload / over voltage / over temperature



TECHNICAL SPECIFICATIONS

Power Output		Environmental Conditions		
DC voltage	24V	Temperature range	-20 to 70 °C (-4 to 138 °F)	
Rate current	10A	Ingress protection	IP66	
Current range	0 – 10A	Humidity	20 ~ 90% RH non-condensing	
Rate power	240W	Vibration	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes	
Number of charging connectors	10	Casing		
Length of charging connectors	255 cm	Enclosure	Sheet steel	
Connectors details	4 pins male plug IP65/IP67 High performance engineering plastics Copper alloy (gold plated)	Cover	Steel, all-round foamed-in PU seal	
Charging time	16 hours 8 hours in fast mode	Surface finish	Dip coat primed, powder-coated on the outside, textured paint	
Power Input		Dedicated for outdoor use	No	
Voltage range	88 ~ 264VAC 124 ~ 370VDC	Color	Grey	
Frequency range	47 ~ 63Hz	NEMA	NEMA 4	
Efficiency	87%	IK Code	IK08	
AC current	3.6A/115VAC 1.8A/230VAC	Dimensions (WxHxD)	300 x 200 x 120 mm	
Length of power cable	285 cm	Weight	6,1 kg	
Electrical plug	Type E Optional: other type	Compliance		
Protection		Safety standards	EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +A2:2013 / EN IEC 61558-1:2019 / EN 61558-2-16:2009 +A1:2013	
Overload	Protection type: Hiccup mode, recovers automatically after fault condition is removed	EMC standards	EN 61000-6-1:2019 / EN 61000-6-3:2007 +A1:2011 / EN 55032:2015 (CISPR 32:2015) class B / EN 55024:2010 +A1:2015, EN IEC 61000-3-2:2019 / EN 61000-3-3:2013 +A1:2019 / EN 61000-4-2:2009 / EN 61000-4-3:2006 +A1:2008 +IS1:2009 +A2:2010, EN 61000-4-4:2012 / EN 61000-4-5:2014 +A1:2017 / EN 61000-4-6:2014 / EN 61000-4-8:2010 / EN 61000-4-11:2004 +A12017	
Over voltage	29.5 ~ 35V Protection type: Shut down o/p voltage, repower on to recover		CE Compliance	2014/30/EU, 2014/35/EU, 2011/65/EU
Over temperature	85 °C Protection type: Shut down o/p voltage, recovers automatically after temperature goes down			