

Keor DC 25W

311010 - 311011 - 311012 - 311013 - 311080
311081 - 311082 - 311083 - 311084 - 311085

TABLE OF CONTENTS

Page

1. GENERAL FEATURES	1
2. TECHNICAL FEATURES.....	1



1. GENERAL FEATURES

The Legrand UPS Keor DC models are uninterruptible power supply designed to use for DC loads. They deliver 25 W power on both On-Line and Battery Mode. Keor DC equipped internally with lithium-Ion batteries to guarantee up to 90 minutes backup time at typical modem load.

Keor DC provides effective protection against any interference in the electrical mains.

This UPS is available with different types of input power cord:

- FR/GR Input Plug: 3 110 10 – 3 110 80 – 3 110 81 – 3 110 82 – 3 110 83 – 3 110 84 – 3 110 85
- Italian Input Plug: 3 110 11
- UK Input Plug: 3 110 12
- US Input Plug: 3 110 13

Each version has four different types of output pins that compatible with various equipment such as router, modem, switch, security camera and detect telephone...etc.

Output Pins: 

Output Diameter*Input Diameter (mm): 5.5*2.1 - 4.75*1.7 - 3.5*1.35 - 5.5*2.5

Output of the UPS can be easily adjusted by power button as 9 – 12 – 15 – 19Vdc according to the voltage input of equipment. During On-Line Mode LED indicates output voltage value, while on Battery Mode indicates battery level.

Battery Mode Discharge (2s ON / 0.5s OFF)				
Battery Power %	LED1	LED2	LED3	LED4
Battery Mode Discharge				
> 75%	Blinking	Blinking	Blinking	Blinking
50%-75%	Blinking	Blinking	Blinking	Blinking
25%-50%	Blinking	Blinking		
10%-25%	Blinking			
< 10%	Blinking (0.3s ON/OFF)			
Output Voltage Information (Line Mode Only)				
Line Mode				
9V	ON			
12V		ON		
15V			ON	
19V				ON

Battery/Online Mode					
Error	LED1	LED2	LED3	LED4	Blinking Frequency
OCP (Over Current Protection)	Blinking	Blinking	Blinking	Blinking	0.3s ON/OFF
SCP (Short Circuit Protection)	Blinking	Blinking	Blinking	Blinking	0.3s ON/OFF
OTP (Over Temperature Protection)	Blinking	Blinking	Blinking	Blinking	0.3s ON/OFF
OVP (Over Voltage Protection)	Blinking	Blinking	Blinking	Blinking	0.3s ON/OFF

2. TECHNICAL FEATURES

Model	KEOR DC
General features	
Active power (W)	25
Waveform	DC

Input	
Input Cable	Multi-Standard – Italian – UK – US
Nominal Voltage (Vac)	100 - 240
Voltage range (Vac)	90 - 264
Frequency (Hz)	47 - 63

Output	
Output Pins (OD*ID mm)	5.5*2.1 - 4.75*1.7 - 3.5*1.35 - 5.5*2.5
Voltage (Vdc)	9 – 12 – 15 – 19 ± 5%
Output Current (A)	2 - 2.08 - 1.67 - 1.32

Protections	
Output (Auto-recovery)	Over-Charge, Over-Temperature and Short-Circuit Protection

Batteries	
Battery series Type	Li-Ion Battery
Voltage / Capacity	3.7V / 2200mAh

Indicators	
Full Battery	Green LED-ON
Battery Discharging	Green LED, continuous Blinking (2s ON / 0.5s OFF)
Low Battery	Green LED, continuous Blinking (0.3s ON / OFF)
Fault	Blinking (check the table)

Mechanical Features	
Measurements W x D x H (mm)	95 x 95 x 28.5
Net Weight (g)	300

Environmental Conditions	
Operating temperature (°C)	0-35
Relative humidity (%)	< 95 (without condensing)

Certifications	
EMC / Emissions	EN55032, IEC/EN 62368-1, UL/cULus
Safety	FCC: Class B, UL/cULus
Lightning Surge Immunity	Level 3 (Common Mode: 2kV / Differential Mode: 1kV) Criteria B
Electrical Fast Transient / Burst	Level 2 (1kV) Criteria B
Electrostatic Discharge	Level 3 (Air Discharge: 8kV / Contact Discharge: 6kV) Criteria B