



15W Dual Port Car Charger

CLA15D-203X-R Series

● 5V/3A ● Apple MFi certified ● Wire ● White



The 15W dual output car chargers are the latest offering from a world leader in charging adapter technology and manufacturing- Phihong Technology. This car charger series is Apple MFi certified for highest quality standard, it comes with an attached coil cable and 3 types of connectors to choose from, the Apple latest 8-pin lightning, Apple 30 pin or micro USB connector. The additional USB port offers a dedicated 2.1A output for tablet or smart phone quicker charging. Phihong 15W dual port car charger is definitely the top choice for your reliable car charging needs

Features :

Efficiency	80% min @ Max Load & 12 Vdc in @25°C
Protection	OVP, OCP, SCP, Reverse Polarity Protection
Turn-On Delay Time	<100ms @ max load, 12Vdc
Rise Time	<25ms @ max load, 12Vdc
Fall Time	<25ms @ max load, 12Vdc
Dynamic Response	Rise rate = 0.1A/us, Fall rate = 0.1A/us
	4.3~5.6V @ 12~24Vdc, 25°C
	(Load transient: 10% → 90%)
	T _{high} = 10mS, T _{low} = 10mS

Electrical Specifications :

Input Voltage	12~24 Vdc min/max
Input Current	1.8A Max @ 12 Vdc input
Output Voltage	5V
Output Current 1	1A (from the built-in cable connector)
Output Current 2	2A (from the USB-A socket)
Maximum Output Power	15W continuous
Output Ripple & Noise	200mV (pk-pk) @25°C (10ms/DIV)

Environmental Specifications :

Operating Temperature	0°C ~ +50°C
Storage Temperature	-40°C ~ +85°C
Humidity	0% ~ 95%
MTBF	100K Hrs. min. @ Full load, 25°C

Safety and Compliance :

UL60950-1 approved
EMI: EN55022 class B, FCC class B
ESD : Air ±8KV; Contact: ±4KV E61000-4-2, Level 4, Criteria B
RS: EN61000-4-3, Criteria A
RFT/B: EN61000-4-4, Criteria B
CS: EN61000-4-6, Criteria A

Note:

1. Measurements shall be made with an oscilloscope with 20MHz bandwidth. Output shall be bypassed at a connector with a 0.1uF ceramic capacitor and a 10uF low ESR electrolytic capacitor.

2. Efficiency: Measure efficiency after 30 minutes start up.

*X=W, W1, W2 W=Apple 30 pin W1=Apple Lightning USB W2=Micro USB



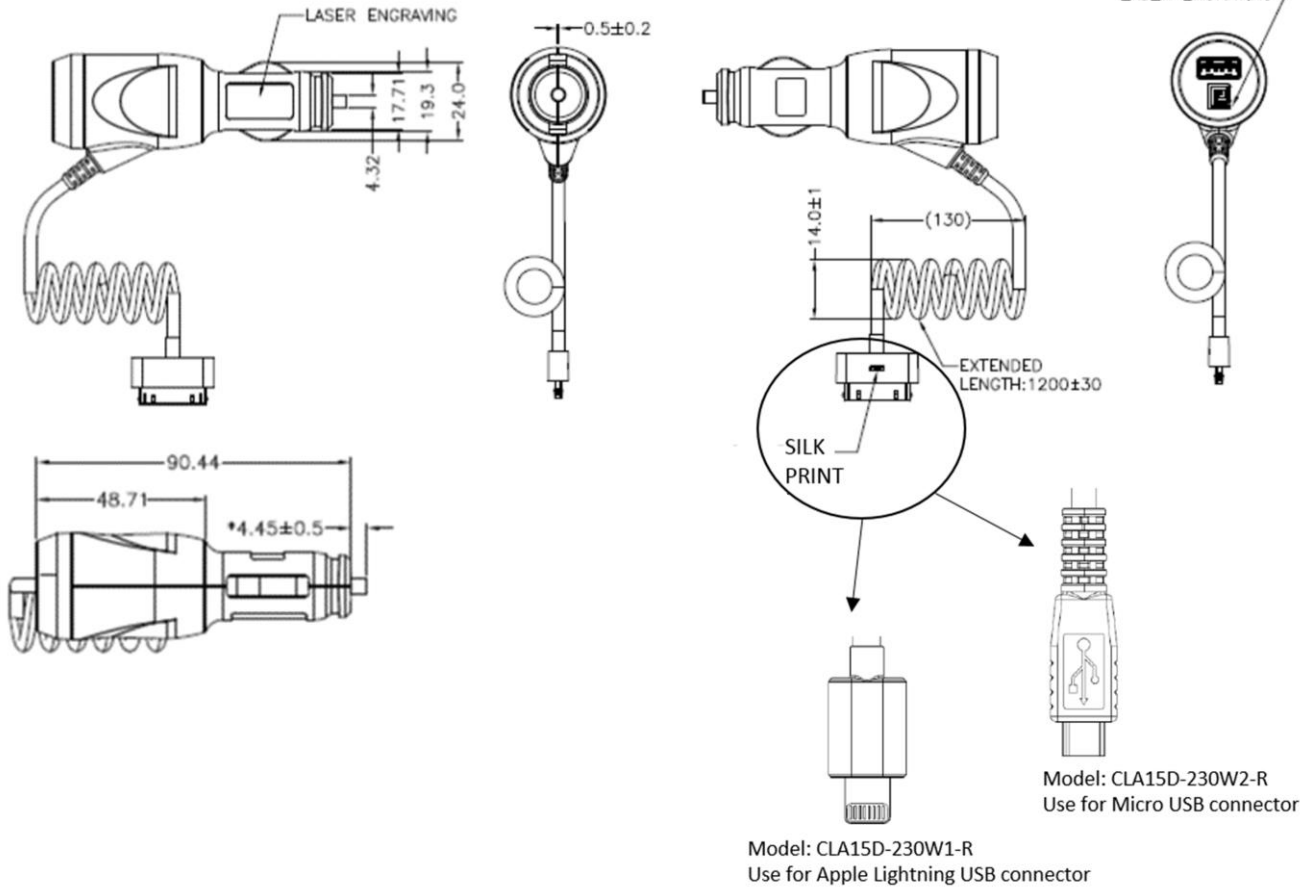
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Dimensions: mm



Model Selections

Model Number	Connector Type	Output Voltage (Vdc)	Output Current (A±5%)	Max. Output Power (W)
CLA15D-230W1-R	Apple Lightning USB	5	1 + 2	15
CLA15D-230W2-R	Micro USB	5	1 + 2	15

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