

Lithium-Ion battery chargers

	LOCATOR		TRANSMITTER	
	Automotive charger	Mains charger	Automotive charger	Mains charger
	OBE (CO.	Table of the state		
	10/RX-ACHARGER-V2	10/RX-MCHARGER-V2*	10/TX-ACHARGER-V2	10/TX-MCHARGER-V2*
Input voltage	10-30 V d.c.	100 – 240 V a.c. 50 – 60 Hz	12 – 24 V d.c.	100 – 240 V a.c. 50 – 60 Hz
Input current	3.0 A	1A	3.4 A	1A
Output voltage	4.2 V d.c.	4.2 V d.c.	12.6 V d.c.	12.6 V d.c.
Output current	3.0 A	3.0 A	2.5 A	2.5 A
IP rating	IP20 (indoor use)	IP 20 (indoor use)	IP 20 (indoor use)	IP 20 (indoor use)
Connector	Automotive aux plug	IEC	Automotive aux plug	IEC
Protection	Fused (5 A)		Fused (5A)	
Indication	Red = Charging Green = Charged	Red = Charging Green = Charged	Red = Charging Green = Charged	Red = Charging Green =Charged

^{*}Check with customer service prior to placing an order to ensure correct power lead is supplied

Approval standards

UL1310

IEC EN60335

Product approval markings

CE (Europe) including LVD, EMC, RoHS

UKCA (Great Britain)

ETL (NRTL for USA and Canada) ETL FCC (USA) Efficiency regulation

BC (California specific) Efficiency regulation

PSE (Japan) Electrical safety

RCM (Australia) formerly called C-Tick

Charger operation CC /CV curve where

Constant voltage shall be stable and not exceed the max specified for the battery/cells

Constant current shall be stable and not exceed the max specified for the battery/cells

Charge termination when

Current falls to the final charge current specified for the battery After a predetermined duration (i.e. hardware timer)

Protection

Overcurrent protection

Overvoltage protection

Short circuit output protection

Built in timer

Battery monitoring

Staged Charging

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