RADIODETECTION

SPX

Lithium-Ion battery chargers

	LOCATOR		TRANSMITTER	
	Automotive charger	**Mains charger**	**Automotive charger**	**Mains charger**
				
	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	1 A
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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90/LI-ION-CHARGERS-TS-ENG/01

Cable Locators & Survey