

In - Vehicle PMR Charger Conditioners

Description

iCHARGE-VC

The iCHARGE[™]-VC's are in vehicle single bay charger-conditioners aimed at professional mobile radio. Using ACT's unique technology batteries are simultaneously conditioned during the charging process. No discipline is required by the user to ensure that the battery is cycled to best effect. There's no complicated charging rules to follow or additional conditioning required. One of the main benefits of the iCHARGE[™] range is to keep the batteries in a charge receptive state and to precisely terminate the charge cycle when the maximum available capacity is reached. This prevents overcharging and overheating, the two main contributors to early battery failure. These charger conditioners greatly reduce and where possible reverse the parasitic reactions that lead to dendrite growth and ion imbalances. This means that your new batteries will perform like new for a very long time and your used batteries will be restored where the capacity damage is reversible. Users of Advanced Charger Technology not only enjoy the longest battery life spans but also benefit from the fastest possible charge times. The base units support different battery chemistries. Interchangeable adapters are used according to the battery. Over 100 handset/battery combinations are supported by ACT's extensive range of adapters. So if your organisation change handsets the chances are you'll only need to change the adapter on your iCHARGE[™] unit. The wide DC input ensures that the unit is suitable for a wide range of vehicles including fire appliances and ambulances. A restraining strap makes sure that the battery is kept safely in place even if the going gets rough.



- · Conditions Batteries during Charge
- Includes vehicular mounting Kit
- Interchangeable Adapters
- Extended Battery Life
- No Charging Rules
- Wide DC Input

Selection Table

Part	No of Charging	Input	Max Charge	Dimensions
Number	Positions	Voltage	Current	(WxDxH)
i35-VC	Single Bay	11-28VDC	2.4A	120x210x55mm





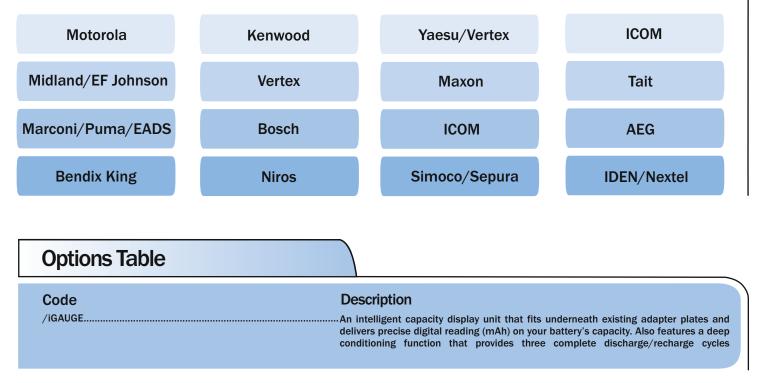
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Technical Data

	i35-VC		
Number of Charging Bays	1		
Battery Chemistries Supported	Ni-Cd & Ni-MH		
Battery Ranges	4 - 10 cell Ni-Cd/Ni-MH,		
Ni-Cd Battery Charge Time	typically 45mins/AH		
Ni-MH Battery Charge Time	typically 75mins/AH		
Li-ion Battery Charge Time	N/A		
Maximum Charge Current	2.4A		
Maximum Depolarization Current	12A		
Input Voltage	11-28VDC		
Humidity	95% non-condensing		
Operating Temperature	0 - 40 ° C		
Accommodates iGAUGE™	No		
Mounting Plate and In-Line Fuse Supplied	Yes		
Unit Weight	0.3kgs		
Construction	plastic		
Approvals	UL, CE, CSA		

Two Way Radios Supported

The base units are fitted with interchangeable adapters to suit the batteries your organisation uses. All the popular manufacturers are supported. Simply tell us your handset code and your battery chemistry.



Every effort is made to ensure that the information provided within this technical summary is accurate. However, ET must reserve the right to make changes to the published specifications without prior notice. Where certain operating parameters are critical for your application we advise that they be confirmed at the time of order. ET specialises in modifying its proven platforms to suit your needs. Please contact our office if your requirement is non-standard. Please note that your actual unit may differ from those shown.