

No. IV-21011/18/2010-Prov-I
Government of India
Ministry of Home Affairs

26, Man Singh Road, Jaisalmer House,
New Delhi, 13.12.2010

To

The DGs: Assam Rifles/BSF/CISF/CRPF/ITBP/NSG/SSB/BPR&D

Subject:- QRs/Technical Specifications of the (i) Solar Battery Charger for Radio Set, and (ii) Solar Battery Charger for Mobile Phones

The QRs/ Technical Specifications of the (i) Solar Battery Charger for Radio Set, and (ii) Solar Battery Charger for Mobile Phones as per Annexure - 'A' and 'B', have been approved by the Competent Authority in MHA.

2. Henceforth, all the CPMFs should procure the above items required by them strictly as per the laid down Technical Specifications/QRs.

(S.B.Nanda)
Under Secretary

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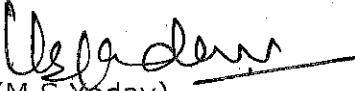
DD(Procurement),MHA

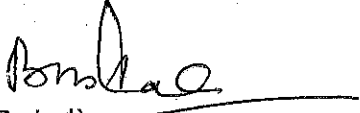
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PS to JS(PM),MHA

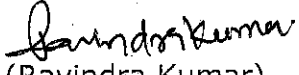
QR/SPECIFICATION OF SOLAR BATTERY CHARGER FOR MOBILE PHONES

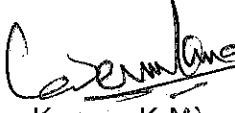
SI No	Specification	Qualitative Requirement
1	Nominal Peak Power	1.5 Watt \pm 10%
2	Solar Panel cell Material	Amorphous Silicon
3	Charging DC Out Put Voltage	5.0 Volt \pm 10%
4	Charging DC Out Put Current	1.0 Amps \pm 10%
5	Type of solar panel	Flexible and Foldable
6	Built in Battery	Two cell AA size Ni Mh 1.2V,2500mAH 3.7V 2500mAH Li-ion bty
7	Weight	Not more than 150 gms \pm 10% (Without Cell/ Li-ion bty)
8	Size	Not more than (a) Folded 90x150x40 in mm (b) Unfolded 650x150 in mm
9	LED Indication	Charging & Discharging indication
10	Accessories	a)USB Charging cable b)Plug Adaptor should be customized for charging the different types of Mobile Phones c) User Manual.
11	Protection	In-built protection against overcharging, reverse polarity and short circuit
12	Charging Time	Full Charge in 4 hours
13	Operating Temperature	- 10°C to +55°C

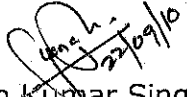

(M.S. Yadav)
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(Pawan Kumar Singhal)
Director, DCPW

Approved/Not Approved



(Vikram Srivastava), IPS
Director General, CRPF