



# REW 45-12

## SPECIFICATION SHEET

### Specifications:

Valve Regulated Lead Acid (VRLA) Rechargeable Battery

Nominal Voltage: 12V 45W/cell (10 min., 1.6 vpc)

Dimensions: Length 151 ± 1 mm  
 Width 65 ± 1 mm  
 Case height 94 ± 1 mm  
 Overall height 97,5 ± 1 mm

Terminal Faston Tab 250, 6,3mm width

Weight appr. 2,7 kgs

Service life : 6 – 8 years

Flame retardancy : UL 94 HB, optionally UL 94 VO

Constant Power Discharge Characteristics unit: Watt (25°C) min.

Time V	1 min.	3 min.	5 min.	10 min.	15 min.	30 min.	60 min.
10,8 V	630	444	354	252	198	111	59
10,2 V	660	495	396	264	204	114	60
9,6 V	720	534	414	273	213	120	62

Charging:

Method	Given Voltage	Maximum Charging Current	Special Conditions (S)
Float charge (trickle)	13,65 V ± 0,15 V	0,1 C(A)	When to constantly use at below 5°C or over 35°C temp. Compensation of -18mV/°C shall be applied with 25°C as a center point
Cyclic charge	14,4 V ~ 15,0 V	1,75 A	When to constantly use at below 5°C or over 35°C temp. Compensation of -24mV/°C shall be applied with 25°C as a center point

Storage Period without Use:

Storage temperature	Maximum storage period
25°C or less	6 months
30°C or less	4 months
35°C or less	3 months
40°C or less	2 months

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