



PUBP 110-12

12 Volt, 110 Amp Hour Battery

Specifications & Characteristics

Nominal Voltage		12V
Rated Capacity		110 Ah/20HR
Dimensions	L	331 mm
	W	173 mm
	Total H.	243 mm
Weight		Approx. 33 kg(72.75lbs)
Capacity 20°C (68°F)	20 HR 5.5 A	110 Ah
	10 HR 10.0A	100 Ah
	5 HR 18 A	90 Ah
	4 HR	87.7 Ah
	1 HR 80 A	80 Ah
Internal resistance		Approx. 4 milliohms
Terminal		Flag
Charging (Constant-Voltage)	Cycle	Initial charging current less than 40A Voltage 14.40 – 15.0V
	Float	Voltage 13.50 – 13.80
Capacity affected by Temp (20 HR)		40 °C => 102% 25 °C => 100% 0 °C => 95% -15 °C => 65%
Self Discharge (25 °C)		Capacity after 3 mth. storage 91% Capacity after 6 mth. storage 82% Capacity after 12 mth. Storage 64%

The Plate material: Pb-Ca-Sn alloy and oxide of Pb (activity material)	
Construction: Positive plate and negative plate, battery case – ABS, AGM separator, H ₂ SO ₄ and valve.	
Electrolyte concentration: 1.32	
Watts per cell @ 4 hour = 44	
Run time @ 25 A = 4 hours 16 min	
CCA	720A
Discharge rate @ 4 hours = 22A	

