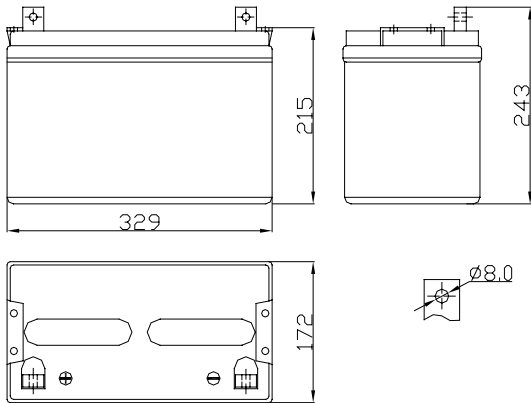




PCL12-100 12V100Ah

A general purpose battery with 10 years design life in standby service or more than 300 cycles at 80% discharge in cycle service.

Outer Dimensions



Dimensions and Weight

Length (mm)	329
Width (mm)	172
Height (mm)	215-243
Approx. Weight (kg)	32.0

Constant Power Discharge Characteristics Unit: Watt (25°C, 77°F)

F.V/Time	5Min	10Min	15Min	30Min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	4522	2943	2255	1390	838	483	345	276	222	145	118	61.7
1.67V	4245	2838	2205	1379	833	481	345	271	220	145	117	59.8
1.70V	4122	2788	2179	1371	833	479	343	271	219	144	117	59.0
1.75V	3845	2662	2105	1352	826	479	343	271	219	143	115	58.6
1.80V	3569	2536	2036	1333	826	476	340	271	218	142	113	57.1
1.85V	3288	2412	1960	1314	821	474	340	269	217	140	112	55.7

Constant Current Discharge Characteristics Unit: A (25°C, 77°F)

F.V/Time	5Min	10Min	15Min	30Min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	382	247	190	117	70.5	40.5	29.0	23.2	19.0	12.4	10.1	5.19
1.67V	357	238	185	116	70.0	40.5	29.0	22.9	18.8	12.4	10.0	5.10
1.70V	345	234	183	115	70.0	40.2	28.8	22.8	18.7	12.3	10.0	5.05
1.75V	323	224	177	114	69.5	40.2	28.8	22.8	18.7	12.2	9.83	5.00
1.80V	300	213	171	112	69.5	40.0	28.6	22.7	18.6	12.1	9.69	4.88
1.85V	277	203	165	110	69.0	39.8	28.6	22.7	18.6	12.0	9.57	4.64

Above data are average values. Subject to change without prior notice. For latest product info, please contact our sales team.

Specification	
Dimensions (L*W*H)	329mm* 172mm*215mm*243mm
Cells Per Unit	6
Nominal Voltage Per Unit	12
Capacity	100 Ah at 10 hour-Rate to 1.75V Per Cell at 25°C(77°F)
Weight	Approx. 32.0kg (70.40 LBS)
Maximum Discharge Current	952A (5 Sec)
Operating Temperature Range	Discharge : -20°C~50°C (-4°F~122°F) Charge : 0°C~40°C (32°F~104°F) Storage : -20°C~40°C (-4°F~104°F)
Nominal Operating Temperature Range	25°C±3°C(77°F±5°F)
Float Charging Voltage	13.5 to 13.8 VDC/Unit Average at 25°C(77°F)
Recommended Maximum Charging Current Limit	20 A
Equalization and Cycle Service	14.4 to 15.0 VDC/Unit Average at 25°C(77°F)
Self Discharge	Batteries can be stored for more than 6 months at 25°C(77°F). Please charge batteries before using. For higher temperatures the time interval will be shorter.
Terminal	Fast on 26*8
Container Material	UL94-V2 Flammable resistant
Carton Dimensions	358mm*196mm*265mm
PCS. in Carton	1

