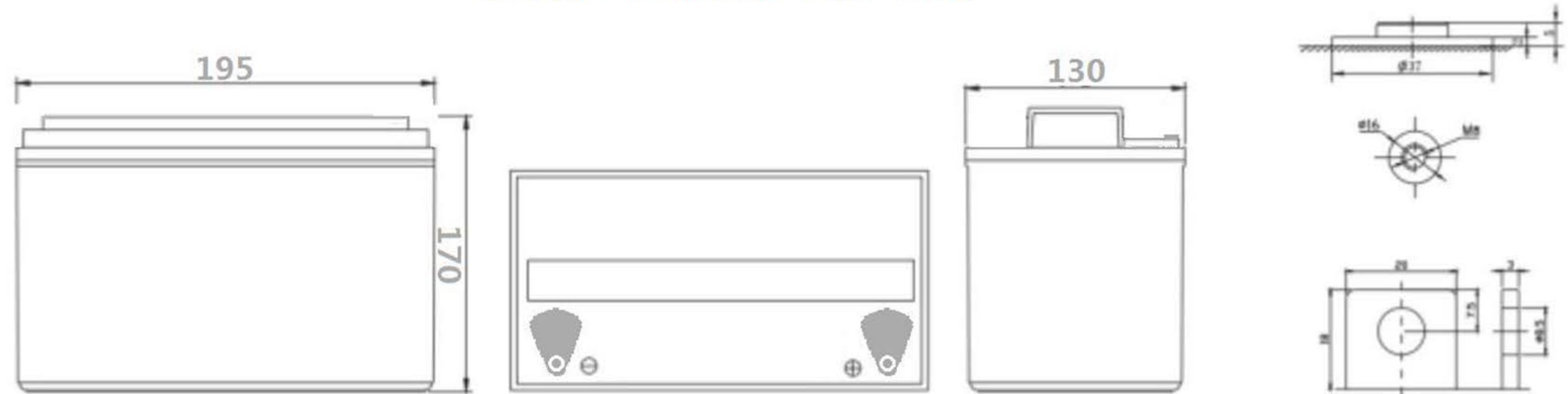


DCS-33UNCR (12V33AH/20HR)

Q5 Deep Cycle series batteries provide superior high integrity and reliability. It is specially designed for frequent cyclic charge and discharge.By using strong grids,thick plate and specially active material are designed for Repeated deep-discharge applications. The DC series batteries offer 30% more cyclic life than the standby series.

Voltage Per Unit/	12V
Capacity/	33h@20hr-rate to 1.75V per cell @25℃ 283h@5hr-rate to 1.80V per cell @25℃
Weight/	10.5Kg
Max. Discharge Current/	415A (<10 sec)
Internal Resistance/	Approx 5m Ω
Operating Temperature Range/	Discharge/Storage -20 ℃~60℃; Charge/ 0℃~50℃;
Normal Operating Temperature Range/	25℃ ± 5℃
Float charging Voltage/	13.5 to 13.8 V DC/unit Average at 25℃
Recommended Maximum Charging Current/	30.0 A
Equalization and Cycle Service/	14.4 to 14.8 V DC/unit Average at 25℃
Self Discharge/	Q5 Valve Regulated Lead Acid (VRLA) batteries can be stored for more than 6 months at 25℃. Self-discharge ratio less than 3% per month at 25℃. Please charge batteries before using. 6 <3%
Terminal/	Thread M3/4/5/6/8
Container Material/	PP

L×W×H: 195*130*170



Discharge Current VS. Final Voltage/

Final discharge Voltage V/cell	1.75V	1.70V	1.60V
Discharge Current(A)	(A)≤0.2	0.2C<(A)<1.0C	(A)≥1.0C
Charge the batteries at least once every one year, if they are stored at 25℃.			
Constant Voltage	-0.2Cx2h+14.4-14.7Vx24h,Max. Current 0.3C		
Constant Current	-0.2Cx2h+0.1Cx7h+0.05Cx4h		
Faxt	-0.2Cx2h+0.3Cx3h		
Bolt	M5	M6	M8
Terminal	F3 F4 F13 F18 T25 T26	F8 F11 F12-1 F15	F5 F9 F10 F12 F14 F16
Torque	6~7N-m	8~10N-m	10~12N-m

