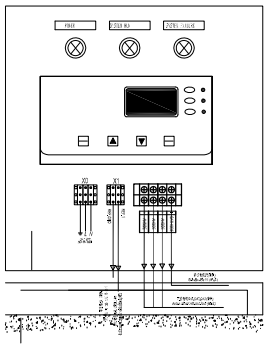
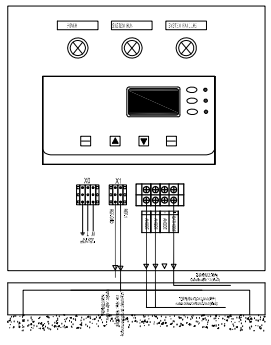
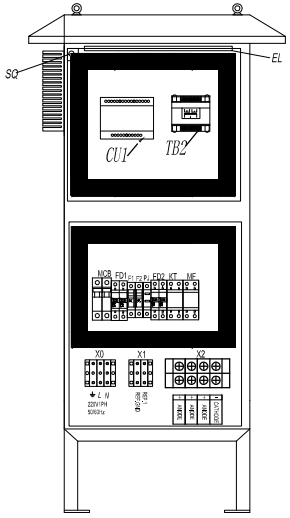
CODE	INSTRUCTION	PARAMETER	Quantity	Manufacturer	CODE	INSTRUCTION	PARAMETER	Quantity	Manufacturer
X0	INPUT POWERTERMINAL	SAK10/EN 10㎡	3	Weidmuller	AL1	POWER	24VDC WHITE	1	SCHNEIDER
X1	Reference electrode terminal	SAK10/EN 10㎡	2	Weidmuller	AL2	RUNNING	24VDC RED	1	SCHNEIDER
X2	OUTPUT POWERTERMINAL	SAK10/EN 25㎡	4	Weidmuller	AL3	ALARM	24VDC AMBER	1	SCHNEIDER
MCB	AC.CIRCUIT BREAKER	C6H-AC 10A	1	SCHNEIDER	VR1	METAL OXIDE VARISTORS (Transient over voltage surge suppression on AC)	14D151K	1	EPCOS
CU1	TRIGGER BOARD	DXCF-01	1	Qingdao Yinghai(China)	VR2	METAL OXIDE VARISTORS (Transient over voltage surge suppression on DC)	14D151K	1	EPCOS
CU2	CONTROL BOARD	CZ-02	1	Qingdao Yinghai(China)	AL	CHOKE	0.8~1.2MH	1	LY(China)
KP1、KP2	SILICON CONTROLLED MODULES	106A1600V	2	SCHNEIDER	FD1	AC.Surge protector	LAC20-385/2P 40KA	1	Ling Lei(China)
F1	AUXILIARY TRANSFORMER FUSE	1A250V	1	MIRO(Domestic America Standard)	FD2	DC.Surge protector	LAC20-150/2P 40KA	1	Ling Lei(China)
F2	CAPACITOR FUSE	32A250V	1	MIRO(Domestic America Standard)	TB1	MAIN TRANSFORMER	1.4KVA 230V/32V	1	LY(China)
F3	OUTPUT FUSE	50A250V	1	MIRO(Domestic America Standard)	TB2	Auxiliary transformer	100 VA 230V/18V.10V	1	LY(China)
CP	CAPACITOR	150V22000UF	1	HCG	KT	Temperature sensor	KTS011	1	CHENF(China)
PJ	Repair the socket	250V10A	1	MEIRI MEILAN	MF	Humidity sensor	MFR012	1	CHENF(China)
FL	AMMETER SHUNT	0~40A 75mV	1	CG	FN	FAN	KA1238HA2SAT	1	KAGU
SQ	Light switch	YBLX-ME8108	1	CHNT		CASE	520*440*1180mm	1	Qingdao Yinghai(China)
EL	Floodlight	230V 15W	1	YUEDE		Potentiostat	SP200(04WY)	1	Qingdao Yinghai(China)



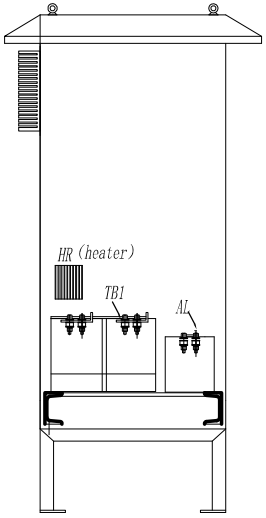
Wiring terminal diagram of potentiostat (50HTD10GH002) for pump A interior



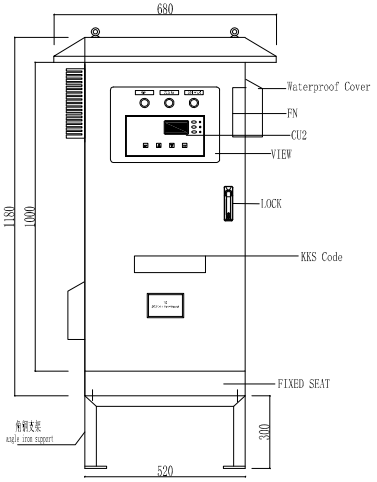
Wiring terminal diagram of potentiostat (50HTD10GH003) for pump A exterior



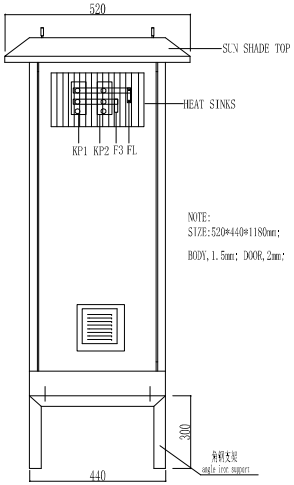
INTERNAL FRONT PANEL



INTERIOR BACK VIEW

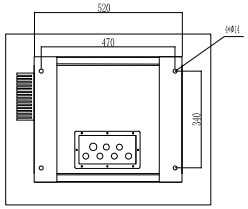


EXTERIOR FRONT VIEW

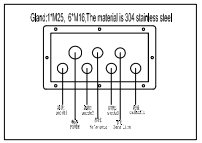


EXTERIOR LEFT VIEW

阴极保护系统恒电位仪要求说明:
Instruction of potentiostat of CP system
一、恒电位仪和极线箱的工况条件
Working conditions of potentiostat
1、循环水泵外加电流阴极保护系统的恒电位仪型号为SP200（04WY），采用空气自然冷却方式，防护等级达到IP55W级别，恒电位仪能够满足室外条件工作。
恒电位仪是室外机，机壳材质是AISI 316L不锈钢，机壳厚度是1.5mm。
The potentiostat of the impressed current cathodic protection system of the circulating pump is SP200 (04WY). It adopts the natural air cooling method and the protection grade reaches the level of IP55W. The potentiostat can satisfy outdoor conditions.The potentiostat is outdoor, the shell material is AISI 316L stainless steel, the thickness of the shell is 1.5mm.
2、恒电位仪使用230V单相交流电源。
The potentiostat shall be equipped with230V (AC, single phase,50Hz)
3、使用环境的温度为：-15℃-- 45℃，相对湿度＜95%为宜。
Working temperature: -15℃-- 45℃. Relative humidity: <95%
二、恒电位仪的要求
Requirements of potentiostat
1.电源要求，每台水泵配一台恒电位仪，分别控制泵内壁，泵外壁保护。
Power supply requirements, each pump with two potentiostat, respectively control the pump interior wall and pump exterior wall protection.
（1）输入电压:交流230V(单相)；Input voltage:230V (AC, single-phase)
（2）频率:50赫兹; Frequency:50Hz
（3）功率：小于3KW；Power is less than 3KW.
（4）供电电源需要断路器2P16A. Power supply requires circuit breaker 2P16A.
(5) 输出情况:Output condition
输出电流: DC 0--40A；Output current: DC 0--40A
输出电压:DC 0--24V; Output voltage: DC 0--24V
2.恒电位仪外形尺寸
Appearance size of potentiostat
（1）重量（约计）：---110Kg; Weight---110Kg
（2）外型尺寸（约计）：1180×680×520（mm）; Appearance size: 1180×680×520（mm）



BOTTOM VIEW



Into the line hole

NO	DD/MMM/YY	REVISIONS AND RECORD OF ISSUE	BY	DES	CHKD	PDE	APPD
0	16/MAY/22	ISSUED FOR AS-BUILT	YSS	YSS	SC	ZKZ	PQW

OWNER: PT. Bhumi Jati Power

PROJECT TITLE: TANJUNG JATI B EXPANSION (JAWA-4)
COAL FIRED STEAM POWER PLANT 2 x 1,000 MW

OWNER'S ENGINEER: PÖYRY

EPC CONTRACTORS: Sumitomo Corporation; PT. Wasa Mitra Engineering; AvantPower Japan Ltd.

PROJECT DRAWING NO.: TJB56-L3-0FF-C-HTY-E-DRD-0026
REV.: 0

ABSORBER SPRAY PUMP CATHODIC PROTECT LOCAL CONTROL PANEL-DETAIL DRAWINGS
PANEL LAYOUT AND MATERIAL LIST

APPD/ENGR	BY	UNITS	VIEW
QIWEI PANG	SHASHA YAN	MM/M	ISO PLANT/1ST/3RD
CHKD: CHAO SUN	DD/MMM/YY: 21/JUN/2019		

EPC LOT3 SUB-CONTRACTOR: BLACK & VEATCH Building a world of difference©
SPEC NAME: Seawater FGD System
SPEC NO.: 179956.65.3214
EPC LOT3 SUB-CONTRACTOR DRAWING NO.: C1529530-101-611-0809
HAMON Air Quality System
SHEET NO. 4 OF 6
REV. 0