

PPC1000

PPC1000 integrates the hardware and software functions of PPC and local SCADA, and supports energy dispatch of utility PV plants or PV blocks, and it can monitor and diagnose devices of the plant for easy and efficient O&M.



GRID FRIENDLY, IMPROVE THE EFFICIENCY OF GRID AUXILIARY SERVICES

- Strong access capability: Support IEC 61850, IEC-104, MODBUS TCP
- Power grid auxiliary service: Fast primary frequency response, Fast reactive power response
- Grid access standard: Comply with multinational grid code



INTELLIGENT ANALYSIS, COST REDUCTION AND EFFICIENCY INCREASE

- IV curve online analysis: Cluster health evaluation, quantification of failure loss, improve power plant revenue
- Dispersion rate intelligent diagnosis: 1 minute dispersion rate analysis of 15 root causes for 600MW power station

System	PPC1000
Configuration	
Configuration	rack server, PPC100 (controller), switch, KVM, firewall (optional), software (PPC, Insight)
Ports	
RS485 interface	7
DI / DO	16 / 4
Fiber port	8 * 100 Mbps
Ethernet port	20 * 10 / 100 Mbps
AI	2 * (4 - 20 mA), 2 * (0 - 10 Vdc)
CAN	1
PT100 / PT1000	2
Time code format B	1
Power supply	
AC Power supply	100 Vac - 240 Vac, 50 Hz / 60 Hz
Power consumption	1700 W
Ambient parameters	
Operating temperature	10 °C - 35 °C
Operating humidity	10 % - 80 %
Elevation	≤ 4000 m
Protection class	IP20
Communication	
Communication medium	Optical fiber, Ethernet
Networking method	Bus type/ Start type/ Ring type
Communication protocol	IEC 61850 GOOSE, IEC 104, Modbus TCP, etc
Certificate	
Certificate	IEC 62443/ IEC 61000/ CE/ FCC/ UKCA
Cabinet	
Dimensions (W*H*D)	800 mm * 2260 mm * 1000 mm

