iPVita™
智慧監控系統

solar on hand.

陽光・即刻・擁有

200MW分散式電廠管理經驗：
系統採用高科技MES管理技術，提供客製化的頁面服務，
集中管理多樣不同類型的電廠輕而易舉。

200M Distributed PV Plant Management Experience:
The system uses MES technology to provide customized services
page,Easy centralized management of diverse plants of different types.

200 MW

25年每日發電數據統計保存：
全面紀錄電廠每日發電量數據統計，為電廠買賣提供強而
有力的資料分析。

25 years of daily statistics saving power:
Full Record Plant daily summary data for the power plant to
provide powerful data analysis.

25 year

99%系統可靠性：
採用國際級機房系統(IDC)，兼具可靠度、高效能及高
容量運作環境，提供資料安全及大數據運算。

99% system reliability:
The data is stored in the high performance internet data
center, which offers secure and big data computing.

99 %

Life Energy
342786 kWh
Energy 1363 kWh

Energy
10.34

Inverter Efficiency
98 %

CO2 Reduction
218354.7 kg

Diwi

Distant Wireless Converter

低耗電量
待機時僅耗0.66W
Low power consumption
Power consumption in Standby Mode only cause 0.66W

雙向功能
可同時進行監控與遠端遙控
Multi-function
Support remote monitored and control simultaneously

距離範圍
涵蓋半徑為500M
Coverage
A radius of 500M

方便安裝
快速簡單安裝使用
Convenience
Quick and easy setup

提供您最即時的雲端管理，亦是您最佳的綠能資訊來源！
Immediate Cloud Management, Green Energy best source of information.

流程圖 Flow Chart

iPVita陽光行動平台
iPVita APP

iPVita監控管理平台
iPVita Center

(5)

網際網路
Internet

(3) 網際網路裝置
Internet Device

(4) 國際IDC數位中心
Internet Data Center

各項裝置 (1)
Devices

Inverter   Inverter

(2) iPV Box智慧盒
iPV Box

1 iPV Box supports up to 100 device

大數據運算
國際級機房系統（IDC），兼具可靠度、高效能及高容量運作環境，提供資料安全及快速數據運算，並能夠異地即時備援。

Big Data Computing
The data is stored in the high performance internet data center, which offers secure and fast computing, and can be performed offsite backup instantly.

隨插即用
iPV Box最高可同時整合50項終端設備。體積小巧不占空間，只需傳統電腦的10%電力，隨插即用又省電。

Plug-and-Play
An iPV Box is able to integrate up to 50 devices The size of iPV Box is smaller than a hand palm, with low power consumption compared to desktop PC 10% and capable of plug and play.

智慧監控
透過雲端資料庫，可即時監視發電量、環境資訊、系統狀況、PR值、故障通報、追蹤派工流程等。並進行分析及傳送，讓太陽能電廠隨時保持最佳發電狀態。

Smart Management
By cloud computing, iPVita can provide real-time monitoring of power generation, environmental information, system status, PR value, fault notification, troubleshooting tracking, as well as remote control of equipment.It can automatically analyze system errors and helps the PV site to be performed optimally.

雲端控制
iPVita可支援遠端控制設備技術，自動分析電廠異常，降低維運成本。

Cloud Controlling
iPVita support cloud controlling technology and automatic PV plant alarm analysis reduce maintenance costs.