

Data Management Unit



Convenient & User-Friendly

- Wall-mounted, rail-mounted, and drawer installation
- Built-in web interface with guided setup and one-click layout

Stable & Reliable

- TLS data transmission encryption for high security
- Dual-power redundancy ensuring system stability

Intelligent & Flexible

- Up to 150 inverters connection
- Compatible with multiple communication protocols

Product Model	HC-DMU-W
Device Management	
Max. Inverters Supported	150
Communication Interface	
WAN	WAN x 2, 10 / 100 / 1,000 Mbps
LAN	LAN x 4, 10 / 100 / 1,000 Mbps
Optical Ethernet	SFP x 2, 100 / 1,000 Mbps
HPLC	PLC x 2, Max. Voltage 800V (±10%), 1,000 m
RS485	COM x 6
Analog Input	DI x 9 / DO x 4
Digital Input / Output	AI x 4
PT100 / PT1000	2
Active DO	x1, 12V, 0.1A
Communication Protocol	
Ethernet	Modbus-TCP, IEC 608 70-5-104
RS485	Modbus-RTU, IEC 608 70-5-103 (Standard), DL / T645
Power Supply	
AC Input Voltage/Frequency	100 ~ 277 Vac, 50 / 60 Hz
DC Output Voltage/Current	24Vdc, 1.25A
Power Consumption	Max. 18W
Interaction	
LED	LED x 4
Web	Embedded Web
USB	USB 3.0 x 2
General Data	
Operating Ambient Temperature	-35 to +60°C
Relative Humidity Range	5~95% RH
Degree of Protection	IP20
Operating Altitude	4000m
Dimensions (W*H*D)	60*380*240 mm (without mounting ears)
Weight	3kg
Installation Method	Wall Mounting, Rail Mounting, Tabletop Mounting