

PWD-100M-0 INTELLIGENT SWITCH MODULE



FEATURES

01 FLEXIBLE CONFIGURATION

- Compact size.

02 HIGH EFFICIENCY & STABILITY

- Active switching time from on-grid to off-grid is 0ms
- Passive switching time from on-grid to off-grid < 30ms

03 EXTENSIVE USE

- Auto-switching between on-grid and off-grid for backup
- Working with single or multiple 30kW inverters

04 SAFETY & COMPATIBILITY

- Support controlled by PCS & EMS
- Automatically backup

SPECIFICATION

PWD-100M-0	
AC Grid-tied Output	
Grid Type	TN-C-S; TN-S, TT, TN-C
Rated Grid Voltage	380/400/480Vac
Grid Frequency	50/60Hz
AC Off-grid Output	
Rated Voltage	Single-phase: 220/230Vac Three-phase: 380/400/480Vac
AC Frequency	50/60Hz
Maximum Apparent Power	100kVA
Maximum Output Current	145A
Transition Time	Active Switching: Seamless Passive Switching: 30ms
AC Input (PCS)	
Rated Voltage	380/400/480Vac
AC Frequency	50/60Hz
AC Power	100kVA
Quantity of PCS	3 sets of 30kW inverter
AC Input (PV Optimizer)	
Rated Power	100kVA
General Specification	
Dimension(W*H*D)	Hanging 440*920*205 mm
Cooling	Forced Air Cooling
Temperature & Humidity	-20℃~60℃& 0-95%
Weight	35kg
Noise	≤70dB
IP Rating	IP65
Communication Port	CAN*2/RS485*4/Ethernet*2/WIFI*1
DI	6
DO	4
Certification	
Standard	AS4777.1, VDE4105