

Integ R Series

The Power Reader



Smart Meter RMM/RMK

Precision

High current measurement precision

Intelligence

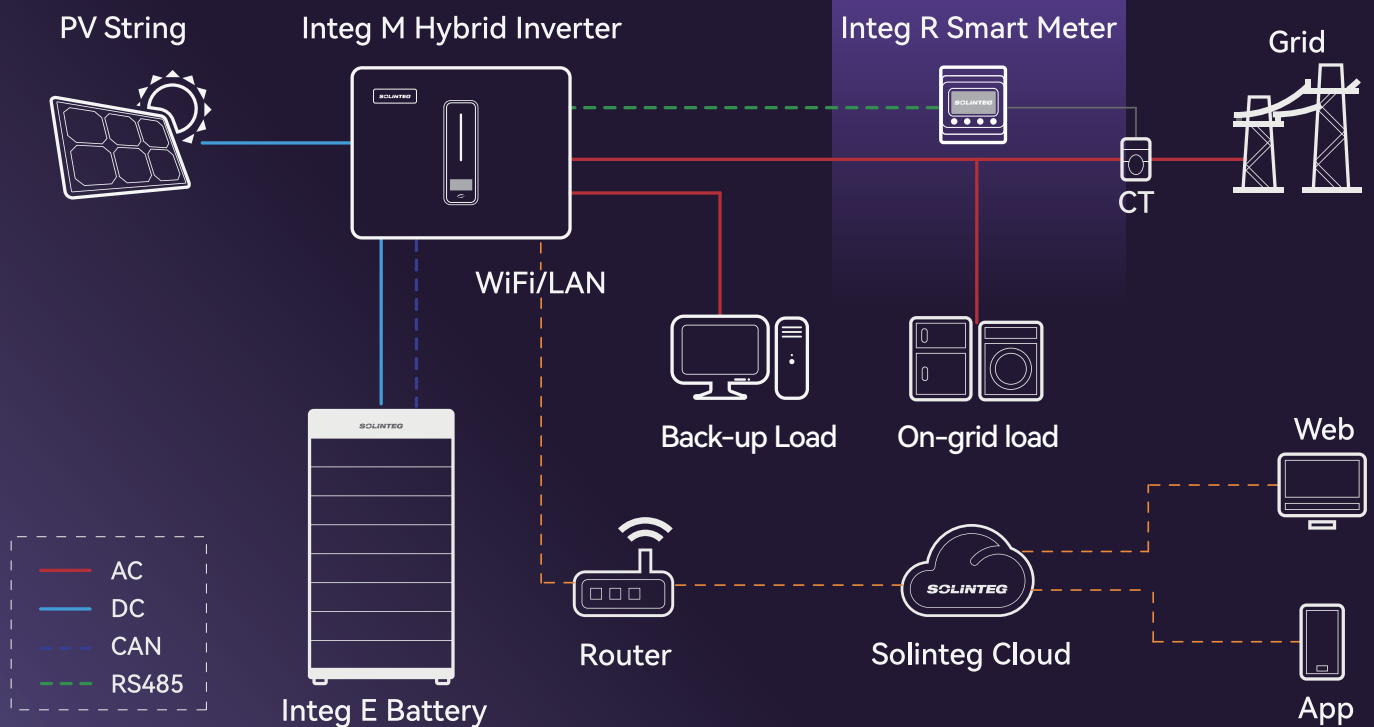
Compatible with RS485/Wifi/LAN

Convenience

OLED display for easy setup and management

Security

Accurate export limitation and control



Solinteg smart meter with two versions of RMM and RMK, is used in the whole energy system management and monitor, providing the real-time information.

MODEL	RMM-MA		RMK-MA	RMM-5A	RMK-5A
Signal and power input					
Voltage range	85~265V (L-N), 150~490V (L-L)				
Voltage input impedance	>1MΩ				
Primary side current range	120A/200A/300A (With mA CT)			100-1000A (With 5A CT)	
Secondary side current range	≤100mA	≤100mA		≤5A	≤5A
Sampling Current overload	Continue: 1.2 times; instantaneous: 2times / 10				
Frequency	45 ~ 65 Hz				
Accuracy					
Current/Voltage	0.50%				
Frequency	±0.01Hz				
Active Power	Class 0.5S				
Reactive Power	Class 0.5S				
Energy	Class 0.5S				
General Data					
Dielectric strength	Resistance from signal, power supply and output terminal to shell >100MΩ				
Withstand voltage	Input and power supply >1.5kV				
Communication	Modbus RTU (RS485)	Modbus RTU (RS485) WiFi/LAN		Modbus RTU (RS485)	Modbus RTU (RS485) WiFi/LAN
Display	OLED	OLED		OLED	OLED
Voltage power consumption	<3VA	<5VA		<3VA	<5VA
Terminal capacity	0.5~4mm2				
Size (L*W*H)	85*54*75mm				
Weight	220g				
Protection class	IP20 (For Indoor Use)				
Installation method	35mm DIN Rail				
Operating temperature	-30 ~ +60°C				
Operating humidity	<95%, No Condensation				
Operating altitude	<3000m				
Grid type and rated voltage	Three-phase (With 3CT)				
	Delta (Three-phase four-wire): 380/400V/415V(L-L), 208/220/240V(L-L)				
	Wye (Three-phase three-wire): 380/400V/415V(L-L), 208/220/240V(L-L)				
	Split-phase (With 2CT)				
	Split (Two-phase three-wire):				
	220/230/240V(L-L)				
	Single-phase (With 1CT)				
	110/120/127/(L-N)				
	220/230/240V(L-N)				