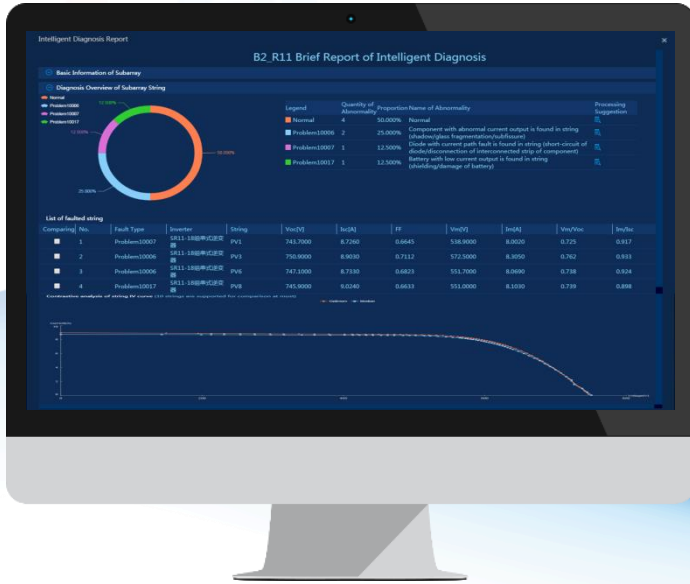


# Smart I-V Curve Diagnosis



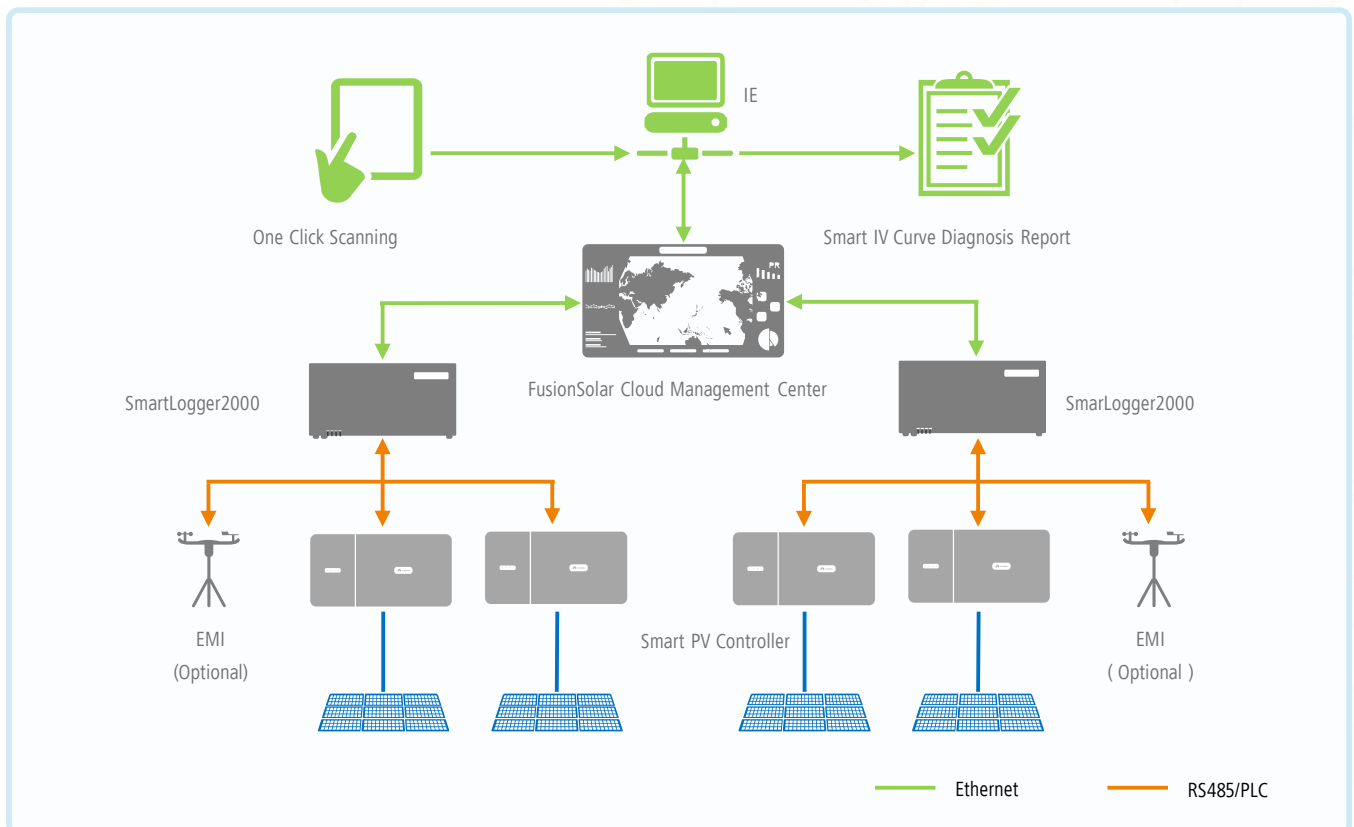
**Smart I-V Curve Diagnosis** is based on string IV curve pattern analysis with advanced diagnosis algorithm, conducting PV plant complete string IV curve analysis. The online scanning and analysis can help in achieving higher O&M efficiency, proactive maintenance and lower operation cost.

## Smart

- Supports plant-level, array-level or inverter-level IV curve analysis and Diagnosis
- Identifies different module faults with automatic report generation

## Efficient

- One click scanning without onsite experts or equipment
- Online IV curve scanning on entire strings
- Automatic report generation within 10~15min

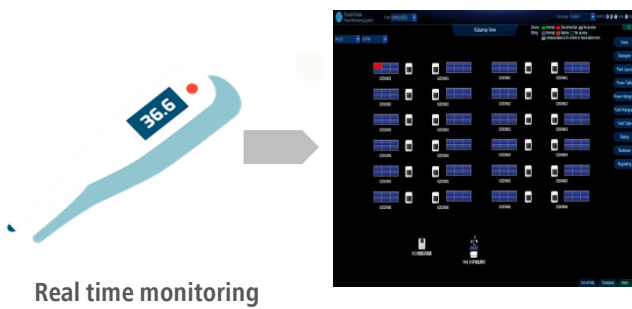


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	Technical Specification	Smart I-V Curve Diagnosis
Configuration	Smart PV Controller	SUN2000-36KTL/42KTL
	Data Logger	SmartLogger2000, SmartLogger1000
	Management System	FusionSolar Cloud Management Center, NetEco1000s
Performance	Scanning Time	< 1s
	Sampling Points per I-V Curve	128
	Voltage Accuracy	0.5%rdg. + 1dgt. ( rdg.>5, dgt.=0.3 )
	Current Accuracy	0.5%rdg. + 2dgt. ( rdg.>0.3, dgt.=0.006 )

TÜVRheinland® Smart I-V Curve Diagnosis is TUV Verified

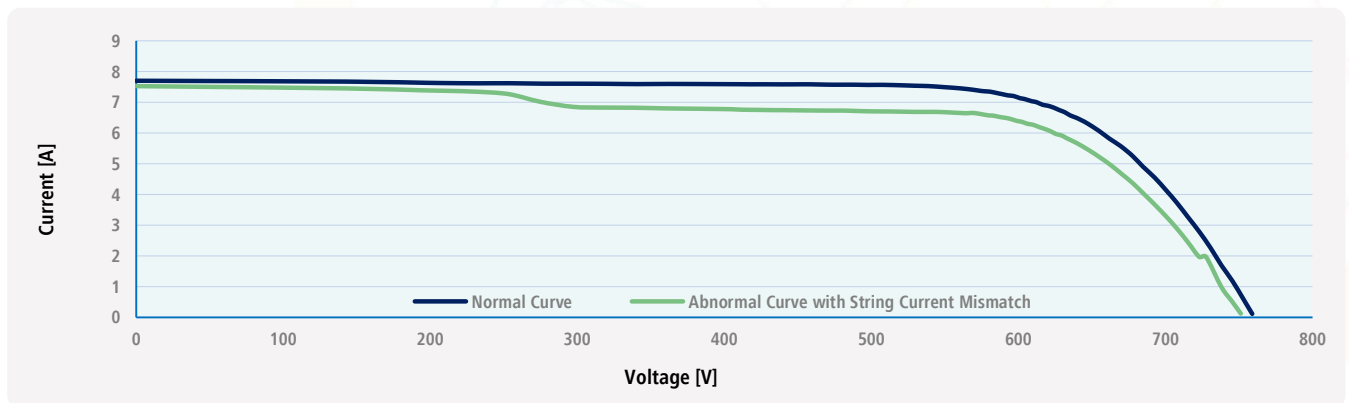
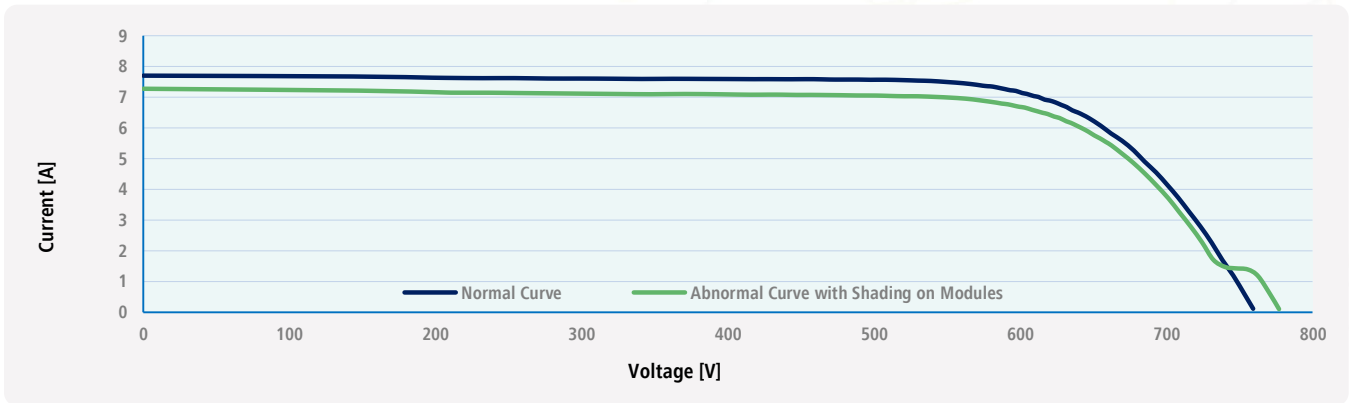
## String-level Management



## Smart I-V Curve Diagnosis



## String I-V Curve Comparison



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