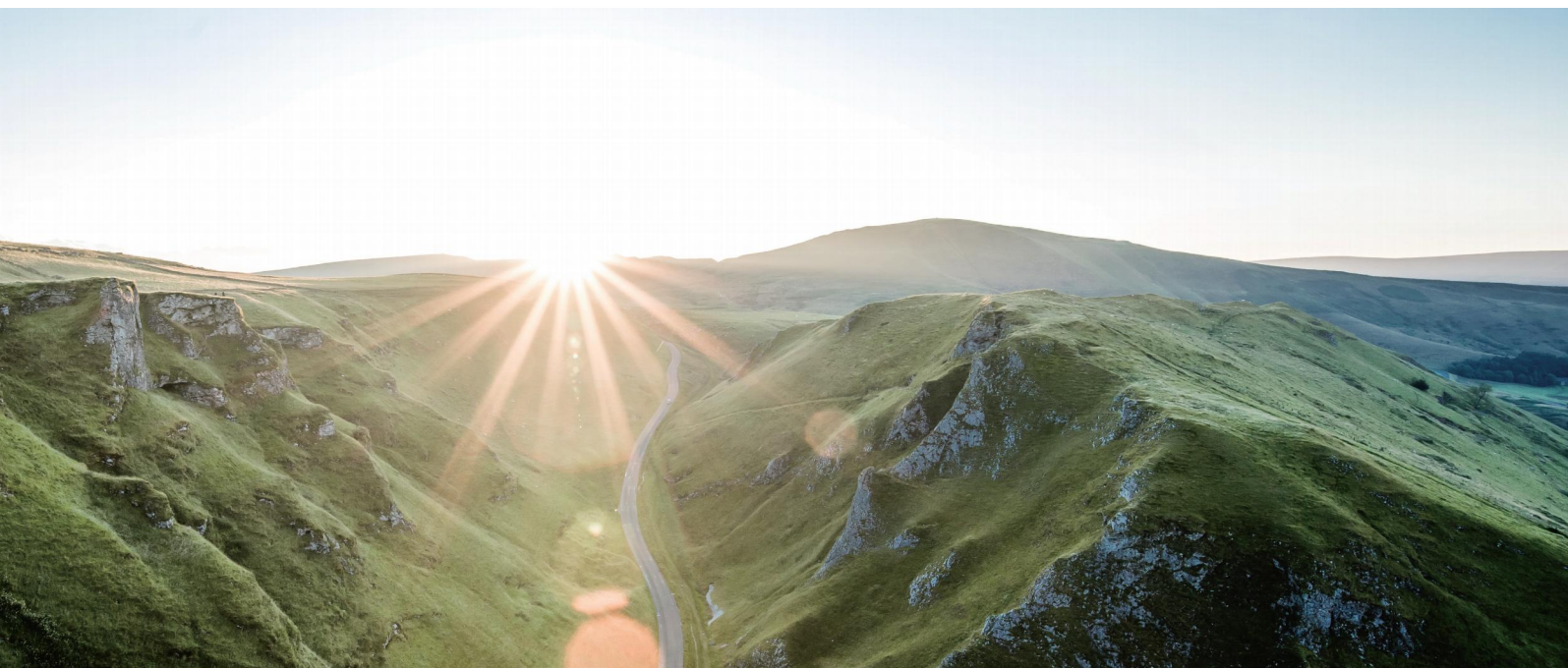




CHARACTERISTIC



Optimization
More power output



Rapid Shutdown
Comply with Sunspec standard



Voltage Limitation
Long Sting design
enhance LCOE



3%-25%
Retrieve power generation loss



Monitoring
PLC & Wifi



Hot spot
Ensure safe operation of
PV module

15
YEARS
Year Product
Warranty

APPLICABLE SCENARIOS



Shading



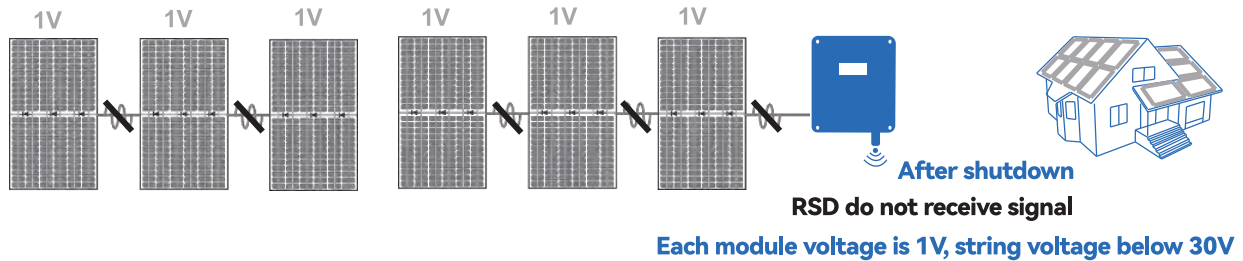
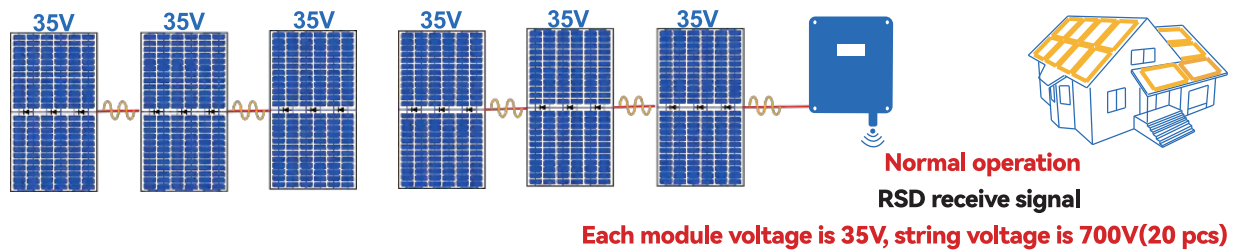
Soiling



Orientation



Degradation



MONITORING



WEB



APP

TECHINICAL SPECIFICATION

Input Parameter	Max power input	800W	conversion efficiency	peak conversion efficiency	99.70%
	Operating Voltage Range	8V-80V		power dissipation@12A	99.6%@Vin:70V,Duty:95%
	MPPT operating Range	17V-60V		power dissipation@14A	99.7%@Vin:60V,Duty:95%
	Max input current	20A		power dissipation@17A	99.5%@Vin:50V,Duty:95%
	Over current protection	25A		power dissipation@20A	99.6%@Vin:44.5V,Duty:95%
	Over temperature protection	135°C		dimension	164*35*21.5mm
Output Parameter	Max output current	20A	specifications	weight	340g
	Theoretical Max Output Voltage	42V/adjustable		cable	IEC 2000V
	Max system voltage	2000V		connector	MC4 compatible
Design Standard	Design lifespan	25years		Working Temperature	- 40°C ~ +85°C
Function	standard	Optimization+RSD +Monitoring		IP protection	IP68