Grid-Tied Inverter

REVO

Vector 30 - 60 KW

Application: Commercial & Industrial Sites

Superior Performance

- Maximum efficiency of 98.6%
- Large string current, compatible with large PV modules
- 30kW with natural cooling design

High Reliability

- IP66 protection level for outdoor installation
- DC/AC Type II SPD
- Optional: AFCI 2.0, Night SVG, I/V detection, and integrated PID

Intelligent Maintenance

- Power consumption monitoring
- Remote configuration and upgrade
- Quick commissioning via mobile app
- String level current detection



THREE PHASE & MULTIPLE MPPT

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Efficiency				
Max. Efficiency	98.5%	98.5%	98.5%	98.6%
European Efficiency	98.0%	98.0%	97.9%	98.0%
Input (PV)				
Max. Input Voltage	1100V			
Max. PV Configuration (STC)	150%			
Rated Input Voltage	620V			
Max. Input Current	32A/32A/40A	32A/32A/40A	32A/32A/32A/40A	32A/32A/32A/40A
Max. Short Circuit Current	45A/45A/50A	45A/45A/50A	45A/45A/45A/50A	45A/45A/45A/50A
Start Input Voltage	200V			
MPPT Operating Voltage Range	180V-1000V			
Max. Number of PV Strings	2/2/2	2/2/2	2/2/2/2	2/2/2/2
No. of MPPTs	3	3	4	4
Output (Grid)				
Rated AC Active Power	30,000W	40,000W	50,000W	60,000W
Max. AC Apparent Power	33,400VA	44,500VA	55,600VA	66,700VA
Max. AC Output Current	3*51A	3*67.5A	3*84.3A	3*92A
Rated AC Voltage	380V/400V/415V, 3W+N+PE			
AC Voltage Range①	320V-520V (Adjustable)			
Rated Grid Frequency	50Hz/60Hz			
Grid Frequency Range②	45Hz-55Hz/55Hz-65Hz (Adjustable)			
THDI	<3%@Rated Power			
DC Current Injection	<0.5%@Rated Current			
Power Factor	> 0.99@Rated power (Adjustable 0.8 LD - 0.8 LG)			
Protection				
DC Switch	Yes			
Anti-Islanding Protection	Yes			
AC Overcurrent Protection	Yes			
AC Short Circuit Protection	Yes			
DC Reverse Protection	Yes			
Surge Arrester	DC Type II/AC Type II			
Insulation Detection	Yes			
Leakage Current Protection	Yes			
PV String Monitoring	Optional			
Consumption Monitoring	Optional			
General				
Topology	Transformerless			
IP Rating	IP66			
Night Self Consumption	<1W (Standard)			
Cooling Method	Natural Cooling	Smart Cooling	Smart Cooling	Smart Cooling
Operating Temperature Range	-25°C~60°C			
Relative Humidity Range	0-100%			
Max. Operating Altitude	4000m			
Dimensions (W*H*D)	635mm*530mm*224mm	635mm*530mm*224mm	635mm*530mm*224mm	635mm*530mm*233mm
Weight	36kg	40kg	42kg	42kg
HMI & COM				
Display	Wireless & APP+LED, LCD (Optional)			
Communication Interface	RS485, Optional: Wi-Fi/GPRS/LAN			
Certification				
Safety	IEC 62109-1, IEC 62109-2			
Grid Code	VDE-AR-N 4105, EN 50549-1, CEI 0-21, UNE 206006/206007-1, RD 1699/661&413, IEC 61727/62116, CQC			IEC 61727/62116, IEC 61683, CQC
Warranty	5 Years/10 Years (Optional)			

Remarks: · ①②The range of output voltage and frequency may vary depending on different grid codes.
· Specifications are subject to change without advanced notice.