

R6 SERIES

THREE PHASE



R6-15K-T2-32 / R6-17K-T2-32 / R6-20K-T2-32
R6-22K-T2-32 / R6-25K-T2-32

AFCI AFCI (Optional)

16A String current up to 16A



Max. Efficiency 98.8%



Built-in AC & DC SPD

110% 110% AC overloading



24/7 load monitoring (Optional)

Model	R6-15K-T2-32	R6-17K-T2-32	R6-20K-T2-32	R6-22K-T2-32	R6-25K-T2-32
Input (DC)					
Max. PV Array Power [Wp]@STC	22500	25500	30000	33000	37500
Max. Input Voltage [V]	1100				
MPP Voltage Range [V]	180-1000				
Nominal Input Voltage [V]	600				
Start-up Voltage [V]	200				
Max. Input Current [A]	32/32				
Number of MPP Trackers	2				
Number of Strings per MPP Tracker	2/2				
Output (AC)					
Rated AC Output Power [W]	15000	17000	20000	22000	25000
Max. Apparent Power [VA]	16500	18700	22000	24200	25000
Rated AC Output Current [A]@230Vac	21.7	24.6	29	31.9	36.2
Max. AC Output Current [A]	25.0	28.4	33.4	36.7	41.7
Nominal AC Voltage/ Range [V]	220(F-N)/380(F-F); 180-280(F-N)/312-485(F-F)				
Nominal AC Grid Frequency/ Range [Hz]	50, 60/44-55, 54-65				
Total Distortion Harmonic [THDi]	< 3%				
Power Factor	0.8 leading~0.8 lagging				
Feed-in Phases/AC Connection Phases	3/3				
Efficiency					
Max. Efficiency	98.8%				
Euro Efficiency	98.5%				
Protection					
DCI Monitoring	Integrated				
GFCI Monitoring	Integrated				
Grid Monitoring	Integrated				
AC Grounding Detection	Integrated				
AC Short-Circuit Protection	Integrated				
DC Insulation Resistance Detection	Integrated				
AC Surge Protection	Type III				
Anti-islanding Protection	AFD				
AFCI Protection	Optional				
Interface					
AC Connection	Terminal Block				
DC Connection	MC4				
Display	LED+APP (Bluetooth)				
Communication Port	RS232+RS485 (RJ45)+DRM(RJ45)				
Communication Mode	Wi-Fi/Ethernet//4G				
Load Monitoring	24/7 (Optional)				
General Data					
Topology	Transformerless				
Nighttime Power Consumption [W]	<0.6				
Operating Temperature Range	-40°C~+60°C				
Cooling Method	Intelligent fan Cooling				
Ambient Humidity	0%~100% non-condensing				
Max. Operating Altitude [m]	4000m (>3000m power derating)				
Noise [dBA]	<50				
Ingress Protection	IP65				
Mounting	Rear Panel				
Dimensions [H*W*D] [mm]	558*409*234				

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Weight [kg]	23.7				
Warranty [Year]	5 (Standard)/10/15/20/25 (Optional)				
Certifications	IEC/EN62109-1/2, EN61000-6-1/2/3/4, IEC61683, IEC60068-2, IEC62116, IEC61727, PEA/MEA,VDE0126-1-1/A1, CEI 0-21, VDE-AR-N 4105, AS/NZS4777.2, CQC NB/T 32004, G98/G99, NBR 16149, NBR 16150, C10/11,RD1669,UNE206006, UNE206007,EN50438				

Made in China
Manufacturer: SAJ