



Dreiphasiger Netzgekoppelter Wechselrichter

R-Serie

auf Lager!



Preise Übersicht



R75	-----	3.975,00€
R100	-----	4.310,00€
R110	-----	4.444,00€
R125	-----	3.515,00€



R SERIES

3-PHASE GRID-TIED INVERTERS

The R Series inverter range is aimed at 3-phase commercial installations, offering unrivalled performance and versatility for increased yield potential and longer generation windows. The 3-phase R Series inverter options range from 75kW to 136kW.



PV STRING
CURRENT MONITORING



ARCFault
CIRCUIT INTERRUPTER
FUNCTION



SMART
I/V CURVE FUNCTION



IP66 RATED

- Smart I/V Curve Function
- PV String Current Monitoring
- AFCI Function
- PID Recovery
- LED, Wi-Fi + APP
- IP66 and C5 Protection
- 13A / 16A Input Current, Compatible with Bifacial Module

REFINED – POWERFUL – FLEXIBLE



TECHNICAL SPECIFICATIONS

MODEL	R75	R100	R110	R120	R136
INPUT(DC)					
Max. Input Power [V]	1100**	1100**	1100**	1100**	1100**
Start-up Input Voltage [V]	250	250	250	250	250
Rated Input Voltage [V]	600	600	600	600	780
MPPT Operating Voltage Range [V] (Full Load)	550-850	550-850	550-850	550-850	550-850
MPPT Operating Voltage Range [Vdc]	200-1000	200-1000	200-1000	200-1000	200-1000
No. of Independent MPP Trackers	9/2	9/2	10/2	12/2	12/2
Max. Input Current [A]	26	26	26	32	32
Max. Short-circuit Current [A]	40	40	40	40	40
OUTPUT(AC)					
Rated Output Power [kW]	75	100	110	120	136
Max. Output Apparent Power [kVA]	75*/82.5	110	121	132	150
Max. Output Current [A]	119.6	158.8	175.3	191.3	173.2
Rated Grid Voltage [Vac]	380/400, 3W+N+PE			400, 3W+N+PE	500, 3W+PE
Grid Voltage Range [Vac]	320-460	320-460	320-460	320-460	400-575
Grid Frequency Range [HZ]	45-55 / 55-65				
Adjustable Power Factor	0.8 leading ~ 0.8 lagging				
THDi	<3%				
EFFICIENCY					
Max. Efficiency	98.6%				
Euro. Efficiency	98.2%				
PROTECTION					
DC Switch	Yes				
DC Reverse Polarity Protection	Yes				
AC Overcurrent Protection	Yes				
AC Short-circuit Protection	Yes				
Surge Protection	DC Type II / AC Type II				
PID Recovery	Yes				
Insulation Monitoring	Yes				
Residual Current Monitoring	Yes				
AFCI	Optional				
PV String Current Monitoring	Optional				
GENERAL DATA					
Dimensions (W*H*D) [mm]	975*630*360				
Weight [kg]	90				
Operating Ambient Temperature Range [°C]	-30~60	-30~60	-30~60	-30~60	-30~60
Cooling Method	Smart air cooling				
Operating Altitude [m]	4000				
Allowable Relative Humidity Range	0 ~ 100% (non-condensing)				
Ingress Protection Rating	IP66				
Isolation Method	Transformerless				
Display	LED,Wi-Fi+APP				
Communication	RS485 / USB / Wi-Fi+LAN / 4G				
DC Connection Type	MC4				
AC Connection Type	OT terminal				
STANDARD (more available upon request)					

IEC 62109, IEC 61727, IEC 62116, IEC 60068, IEC 61683, IEC 61000-6-3, EN 50549

* Only for Brazil market

** If the maximum DC voltage in the system can exceed 1000V, the MC4 connectors included in the scope of delivery must not be used.
In this case MC4 Evo2 connectors must be used.

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