

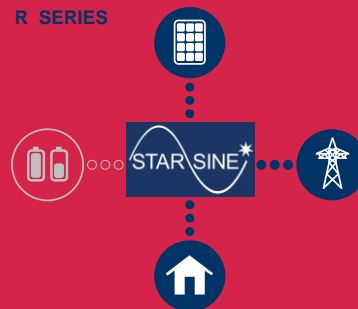
**STAR SINE\*** **STATCOM RANGE**



The **STAR SINE r SERIES STATCOM** is designed for multi-function applications such as voltage regulation, dynamic real and reactive power control and solar control.

**FEATURES**

- Full 4 quadrant device
- Dynamic Real and Reactive Power
- Integrated MPPT Solar Controller
- Zero Feed-in Control
- Remote data monitoring
- Single or Parallel Operation
- Passive Cooling
- Outdoor rated enclosure



**TECHNICAL SPECIFICATIONS**

STATCOM MODEL	r105	r315
Phases	1	3 (L+N per phase)
Power Rating (continuous)	5kVA @ 40°C	15kVA @ 40°C
Parallel Operation	up to 20kVA	up to 60kVA
Phase Balancing	No	Yes
Operating Voltage	200 – 265Vrms (L-N)	
Frequency	50Hz (48 – 52Hz configurable)	
Power Factor	0.0 – 1.0 lagging, 0.0 – 1.0 leading (configurable)	
DC Solar MPPT Input	120 – 500Vdc(Vmpp), 16Adc(Isc)	
Efficiency	97%	
Harmonics	<3% at full load	
Anti-Islanding	Active	
Cooling	Passive (convection)	
Communications Interface	Ethernet IEEE 802.3	
AC Connection	6mm <sup>2</sup> cable termination	
DC Connection	6mm <sup>2</sup> cable termination	
Data Connection	RJ45	
IP Rating	IP65	
Mounting Options	Wall	
Dimensions (WxHxD)mm	300x800x230	300x800x230x3units
Weight	40kg	120kg (combined)
Standards	AS4777, AS3100, AS61000	

Note: specifications may vary depending on configuration.

