

# EcoGrid Inverter

MID-O3.6/4.2/5/6K-S

**98.1%**

High Efficiency

**15A**

High PV Input  
Current

**60V**

Lower start up  
Voltage

## ✓ Performance Features

- **Low start voltage** for longer energy generation and higher efficiency.
- Remote maintenance and software updates with **five flexible operating modes**.

## ✓ Maximum Safety

- **Multiple protection** function.
- **IP65** protection rating, suitable for indoor and outdoor use.

## ✓ Delicate Design

- Starry gray design with exquisite workmanship.
- **25 dB** noise control for quieter operation.
- **OLED** screen design for quick viewing of operating status.
- **9,8 kg** for easy transport and installation.



Contact us today



SCAN ME



Model		MID-O3.6K-S	MID-O4.2K-S	MID-O5K-S	MID-O6K-S
<b>PV Input</b>					
Start-up voltage	[V]	60	60	60	60
Max. DC input voltage*	[V]	600*	600*	600*	600*
Rated DC input voltage	[V]	360	360	360	360
MPPT voltage range*	[V]	50-550*	50-550*	50-550*	50-550*
No. of MPP trackers		2	2	2	2
No. of DC inputs per MPPT		1/1	1/1	1/1	1/1
Max. input current	[A]	15/15	15/15	15/15	15/15
Max. short-circuit current	[A]	20/20	20/20	20/20	20/20
<b>Grid Side</b>					
Rated output power	[kW]	3.60	4.20	5.00 4)	6.00
Max. output power	[kVA]	3.96 1)	4.60	5.50 5)	6.00
Rated output apparent power	[kVA]	3.60	4.20	5.00 6)	6.00
Max. input apparent power	[kW]	3.96 2)	4.60	5.50 7)	6.00
Rated AC voltage			L/N/PE; 220/230/240V		
Rated AC frequency	[Hz]	50/60	50/60	50/60	50/60
Rated output current	[A]	15.70	18.30	21.70 8)	26.10
Max. output current	[A]	18.00 3)	21.00	25.00 9)	26.10
Power factor			0.8 leading ...0.8 lagging		
Max. total harmonic distortion			<3% @Rated output power		
DCI		<0.5%In	<0.5%In	<0.5%In	<0.5%In
<b>Efficiency</b>					
Max. efficiency			98.1%	98.1%	98.1%
European efficiency			97.5%	97.5%	97.5%
MPPT efficiency			99.9%	99.9%	99.9%
<b>Protection</b>					
DC reverse polarity protection			Integrated		
Insulation resistance protection			Integrated		
Surge protection			Integrated		
Over-temperature protection			Integrated		
Residual current protection			Integrated		
Islanding protection			Integrated		
AC over-voltage protection			Integrated		
Overload protection			Integrated		
AC short-circuit protection			Integrated		
Over voltage categor			PV: II Main: III		
<b>General Data</b>					
Dimensions	[W×H×D mm]		534×418×210		
Weight	[KG]		27.0		
Protection degree			IP65		
Standby self-consumption	[W]		<15		
Topology			Transformerless		
Operating Temperature Range	[°C]		-30~+60		
Relative Humidity	[%]		0~100		
Operating Altitude	[m]		3000 (>3000m derating)		
Cooling			Natural Convection		
Noise Level	[dB]		<25		
Display			OLED & LED		
Communication			CAN, RS485, WiFi/LAN (Optional)		
<b>Certificates(more available upon request)</b>					
G98, VDE-AR-N 4105, AS 4777.2					

\*PV Max. Input voltage is 550V, otherwise inverter will be on standby;