

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
PV Input					
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
Grid Side					
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
Efficiency					
Max. efficiency			98.1%	98.1%	98.1%
European efficiency			97.5%	97.5%	97.5%
MPPT efficiency			99.9%	99.9%	99.9%
Protection					
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		
General Data					
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)			
Certificates(more available upon request)					
G98, VDE-AR-N 4105, AS 4777.2					

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