

KODAK Solar Inverters

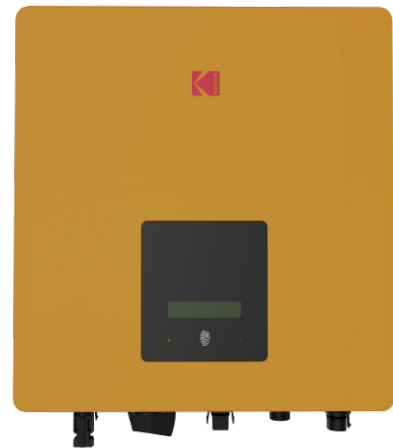
i0.7S-i3.3S



High Performance Single-MPPT Inverters

i0.7S / i1.0S / i1.5S / i2.0S / i2.5S / i3.0S / i3.3S

- Single MPPT design with precise MPPT algorithm
- 97.4% max. efficiency
- IP65 rated
- Optional export control
- Compact & lightweight
- RS485, WiFi/LAN/GPRS (optional) communications
- Low start-up voltage
- Android & iPhone apps available
- 5 year (extendable) warranty



High
Performance



Small &
Compact



IP65
Rated



Remote
Monitoring



KODAK i0.7S-i3.3S

Model	S700	S1000	S1500	S2000	S2500	S3000	S3300
INPUT							
PV							
Max. Recommended DC Power [W]	910	1300	1950	2600	3250	3900	4290
Max.DC Voltage [V]	500	500	500	500	550	550	550
Nominal DC Operating Voltage [V]	360	360	360	360	360	360	360
Max. Input Current [A]	12.5	12.5	12.5	12.5	12.5	12.5	12.5
Max. Short Circuit Current [A]	15	15	15	15	15	15	15
MPPT Voltage Range [Vdc]	50-500 Vdc	50-500 Vdc	50-500 Vdc	50-500 Vdc	50-550 Vdc	50-550 Vdc	50-550 Vdc
Start-up Voltage [V]	60	60	60	60	60	60	60
No. of MPP Trackers	1	1	1	1	1	1	1
Strings Per MPP Tracker	1	1	1	1	1	1	1
OUTPUT							
AC							
Nominal AC Power [W]	700	1000	1500	2000	2500	3000	3300
Max. Apparent AC Power [VA]	800	1100	1650	2200	2750	3300	3300
Rated Grid Voltage [Vac]	220/230/240						
Rated Grid Frequency [Hz]	50/60						
Nominal AC Current [A]	3.0	4.3	6.5	8.7	10.9	13.0	14.3
Max. AC Current [A]	3.5	4.8	7.2	9.6	12.0	14.3	14.3
Displacement Power Factor	1 (Adjustable from 0.8 leading to 0.8 lagging)						
Total Harmonic Distortion (THDi, Nominal output)	<3%	<3%	<3%	<3%	<3%	<3%	<3%
EFFICIENCY							
MPPT Efficiency	99.00%	99.00%	99.00%	99.00%	99.00%	99.00%	99.00%
Euro-efficiency	96.50%	96.50%	96.50%	96.80%	96.80%	96.80%	96.80%
Max. Efficiency	97.20%	97.20%	97.30%	97.40%	97.40%	97.40%	97.40%
PROTECTION							
DC Reverse Polarity Protection				YES			
Anti-Islanding Protection				YES			
Insulation Monitoring				YES			
Residual Current Monitoring				YES			
AC Short Circuit Protection				YES			
AC Output Over Current Protection				YES			
AC Output Over Voltage Protection				YES			
Surge Protection				YES			
Temperature Protection				YES			
Integrated DC Switch				Optional			
STANDARD							
Safety				IEC62109-1-2			
EMC				IEC 61000-6-1/IEC 61000-6-2/IEC 61000-6-3			
Certification				VDE-AR-N 4105/G98/G99/AS477/EN50549/CEI 0-21			
GENERAL DATA							
Dimensions (WxHxD) [mm]				350*334*115			
Weight [kg]				7.8			
Cooling Concept				Natural			
Topology				Transformerless			
Protection Class				III (AC side), II (PV side)			
Noise Emission (typical) [dB]				<30			
Max. Operating Altitude [m]				3000 (derating when>2000)			
Operating Temperature Range				From -20 to +60°C (derating at +45°C)			
Humidity				0-100% (No condensation)			
Self Consumption (night) [W]				<1			
Monitoring Module (optional)				External WIFI/Lan/GPRS (optional)			
Communication				Meter, CT, DRM, ISO alarm			
Display				LCD screen, Touch Key, App, Website			



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