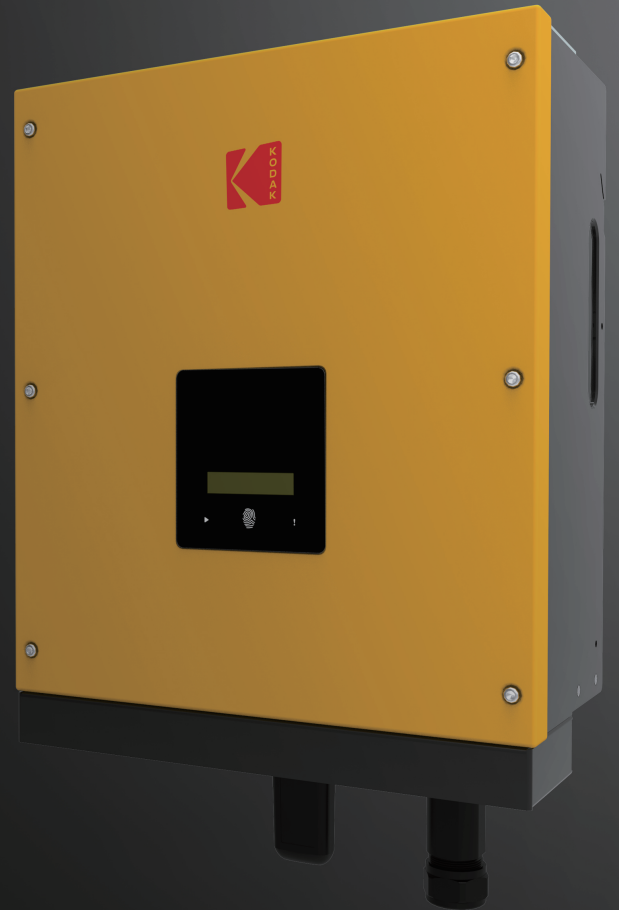


KODAK Solar Inverters

i3.0T-i25.0T

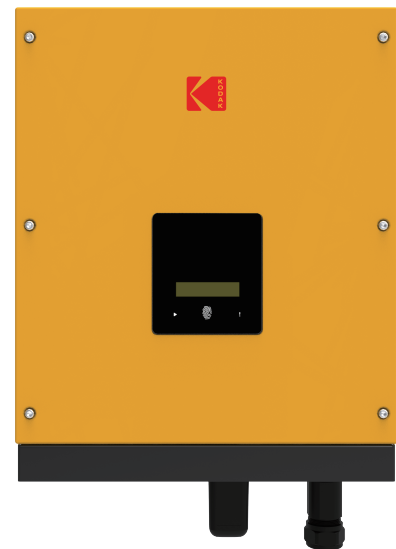


High Performance 3-Phase Inverters

i3.0T / i4.0T / i5.0T / i6.0T / i8.0T / i10.0T / i12.0T / i15.0T / i17.0T / i20.0T / i25.0T

- Dual MPPT design; 2 strings per MPPT*
- 98.6%max. efficiency
- IP65 rated
- Compact & lightweight
- RS485, WiFi/LAN/GPRS (optional) communications
- Wide voltage range / low start-up voltage
- 1100V max. DC voltage
- Android & iPhone apps available

*i17.0T-i20.0T



High
Performance



Small &
Compact



IP65
Rated



Remote
Monitoring



KODAK i3.0T-i25.0T

MODEL	i3.0T	i4.0T	i5.0T	i6.0T	i8.0T	i10.0T	i12.0T	i15.0T	i17.0T	i20.0T	i25.0T
INPUT											
Max. Recommended DC power [W]	4500	6000	7500	9000	12000	15000	18000	22500	25500	30000	37500
Max. DC Voltage [V]	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
Nominal DC Operating Voltage [V]	600	600	600	600	600	600	600	600	600	600	600
Max. Input Current (input A/input B) [A]	12.5/12.5	12.5/12.5	12.5/12.5	12.5/12.5	12.5/12.5	12.5/12.5	12.5/12.5	25/12.5	25/25	25/25	25/25
Max. Short Circuit Current (input A/input B) [A]	16.25/16.25	16.25/16.25	16.25/16.25	16.25/16.25	16.25/16.25	16.25/16.25	16.25/16.25	32.5/16.25	32.5/32.5	32.5/32.5	32.5/32.5
MPPT Voltage Range [Vdc]	160-850	160-850	160-850	160-850	160-850	160-850	160-850	160-850	160-850	160-850	160-850
MPPT Voltage Range (full load) [Vdc]	160-850	180-850	210-850	250-850	330-850	410-850	490-850	410-850	350-850	410-850	510-850
Start-up Voltage [V]	180	180	180	180	180	180	180	180	180	180	180
No. of MPP Trackers	2	2	2	2	2	2	2	2	2	2	2
Strings per MPP Tracker	1+1	1+1	1+1	1+1	1+1	1+1	1+1	2+1	2+2	2+2	2+2
OUTPUT											
Nominal AC Power [W]	3000	4000	5000	6000	8000	10000	12000	15000	17000	20000	25000
Max. Apparent AC Power [VA]	3300	4400	5500	6600	8800	11000	13200	16500	18700	22000	27500
Rated Grid Voltage (AC Voltage Range) [Vac]	3/N/PE, 230/400 (310-480)										
Rated Grid Frequency [Hz]	50/60, ±5										
Nominal AC Current [A]	4.3	5.8	7.2	8.7	11.6	14.5	17.4	21.7	24.6	29.0	36.2
Max. AC Current [A]	4.8	6.4	8.0	9.6	12.8	15.9	19.1	23.9	27.1	31.9	39.9
Displacement Power Factor	1 (Adjustable from 0.8 leading to 0.8 lagging)										
Total Harmonic Distortion (THDi, @rated output)	<3%										
EFFICIENCY											
MPPT Efficiency [%]	99.8										
Euro Efficiency [%]	97.8										
Max. Efficiency (@rated voltage) [%]	98.6										
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/IEC61000-4-2/3/4/5/6/8										
Certification	AS4777.2-2015 / VDE-AR-N 4105 / VDE0126-1-1 / G98 / G99 / EN50549-1/ CEI 0-21 IEC62116 / IEC61727 / IEC61683										
GENERAL DATA											
Dimensions (WxHxD) [mm]	475*384*186										
NET Weight [kg]	20					24					
Cooling Concept	Convection					Forced Convection					
Degree of Protection (according to IEC60529)	IP65										
Topology	Transformerless										
Over Voltage Category	III (AC side), II (PV side)										
Noise [dB]	<30					<55					
Operating Temperature Range [°C]	-20..... +60°C (derating at +45°C)										
Storage Temperature Range [°C]	-40..... +70°C										
Altitude	3000										
Humidity	0-100% (no condensation)										
Self Consumption (night) [W]	<3W										
Monitoring Module (optional)	RS485, WIFI (optional) / GPRS (optional)										
Communication	Meter, DRM, USB update, E-stop										
Display	LCD screen, Touch Key, App, Website										



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