

MEGAGalaxy

10KTL / 12KTL / 15KTL/ 17KTL/20KTL/30KTL

Features

- Digital DSP control technology
- Electronic string fuse and failure detection
- DC input voltage up to 1000V
- Three-level PWM Control
- Easy-setting multilingual LCD display panel
- High reliability with full functions of protection & alarm
- RS485 / Ethernet communication, long-distance data collection & monitor

Application

- Family of small power station
- Power plant, Substation
- Battery discharge
- Government demonstration project



Technical features	MEGAGalaxy 10KTL	MEGAGalaxy 12KTL	MEGAGalaxy 15KTL	MEGAGalaxy 17KTL	MEGAGalaxy 20KTL	MEGAGalaxy 30KTL
Input Ratings						
Max. Input DC Power	10800 W	12800 W	15800 W	17400W	21000W	32000W
Max. PV Input Voltage	1000 V	1000 V	1000 V	1000 V	1000 V	1000 V
Max. Input	40A(20A/20A)	40A(20A/20A)	40A(20A/20A)	42A(21A/21A)	42A(21A/21A)	66A(33A/33A)
MPPT Voltage Range	250 ~ 950 V	250 ~ 950 V	250 ~ 950 V	280 ~ 950 V	280 ~ 950 V	280 ~ 950 V
MPPT quantity	2	2	2	2	2	2
Start PV Voltage	270 V	270 V	270 V	300V	300V	300V
Output Ratings						
Rated Output AC	10000 W	12000 W	15000 W	17000W	20000W	30000W
Max. Output Current	17 A	21A	25A	27A	33A	48A
Operating Frequency	45~55 Hz	45~55 Hz	45~55 Hz	45~55 Hz	45~55 Hz	45~55 Hz
Range	(可设置)	(可设置)	(可设置)	(可设置)	(可设置)	(可设置)
Rated Grid Voltage	3/N/PE,230V/400Vac	3/N/PE,230V/400Vac	3/N/PE,230V/400Vac	3/N/PE,230V/400Vac	3/N/PE,230V/400Vac	3/N/PE,230V/400Vac
Efficiency						
Maximum efficiency	98 %	98 %	98.2 %	98.2 %	98.2 %	98.3 %
European efficiency	97.2 %	97.2 %	97.3 %	97.3 %	97.3 %	98.0 %
Night consumption	<1W	<1W	<1W	<1W	<1W	<1W
System & Mechanical Features						
Enclosure Protection	IP 65	IP 65	IP 65	IP 65	IP 65	IP 65
Communication /	RS485 / Ethernet	RS485 / Ethernet	RS485 / Ethernet	RS485 / Ethernet	RS485 / Ethernet	RS485 / Ethernet
Display Interface	LCD	LCD	LCD	LCD	LCD	LCD
Cooling Mode	Air Cooling	Air Cooling	Air Cooling	Air Cooling	Air Cooling	Air Cooling
Dimensions (W x H x	800 x 500 x 170 mm	800 x 500 x 170 mm	800 x 500 x 170 mm	800 x 500 x 170 mm	800 x 500 x 170 mm	880 x 550 x 187 mm
Weight	50 kg	50 kg	50 kg	50 kg	50 kg	65 kg
Compliance with	VDE-0126-1-1 / EN50178 / G83/1 / DK5940 Ed.2.2 / CE1-0-16 / RD661					