

**COMING
SOON!**

Hybrid power
single-phase up to 7 kW ✓
Backup function ✓
DC overvoltage protection
can be integrated ✓

KOSTAL⁺**ize****your energy****PLENTICORE MP**

The flexible all-rounder for
smaller photovoltaic systems

KOSTAL – it's a PLUS

KOSTAL is once again setting new standards with the new PLENTICORE MP G3 single-phase solar, hybrid or battery inverter. The compact all-rounder can be flexibly expanded in terms of output at any time and can be optionally combined with a battery storage system. Economical, flexible and innovative - that's the new PLENTICORE MP from KOSTAL - optionally also with backup power.

Economical:

One device for all
applications simplifies
planning

Flexible:

Always the right device
with the optional power and
battery upgrade

Innovative:

Comprehensive functionality
with backup power operation
and DC overvoltage protection

Performance features

The **PLENTICORE MP's** wide range of technical features and optional convenience functions ensure variable use and investment security.

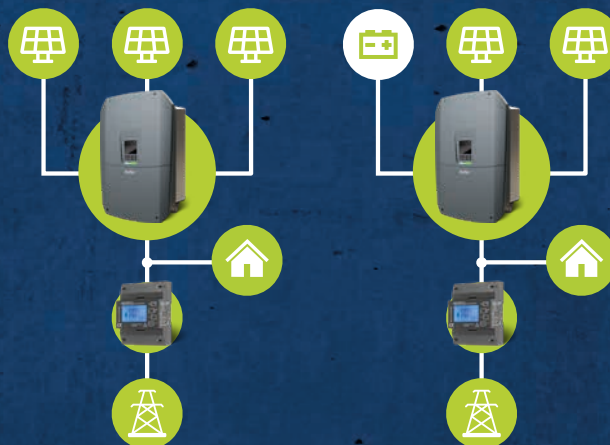
- ⊕ Power upgrade
- ⊕ Backup power operation with external switchover device
- ⊕ Battery upgrade
- ⊕ Integratable DC overvoltage protection
- ⊕ 2 MPP trackers (S) / 3 MPP trackers (M)
- ⊕ AutoUpdate
- ⊕ Modbus/Sunspec for Smart Home
- ⊕ Digital device display
- ⊕ Integrated data logger
- ⊕ Time-dependent battery control
- ⊕ Convenient terminal compartment and protected power electronics
- ⊕ Dynamic power control / limitation
- ⊕ Limitation via ripple control receiver or EEBUS
- ⊕ Commissioning via app, web interface or display
- ⊕ WiFi, 2 x LAN, 4 digital Outputs (e.g. SG-Ready)
- ⊕ Self-learning shadow management
- ⊕ Wide battery partner portfolio

Solar, hybrid or battery. That's maximum flexibility.

PLENTICORE MP S



PLENTICORE MP M



Technical information

PLENTICORE MP		S		M		
Input side (DC)	AC basic powerclass (optional power upgrade)	kW	3,0	(3,6/4,0) ¹	4,6/5,0 ¹	(6,0) (7,0)
	Max. Input voltage (U_{DCmax})	V	1000			
	Working voltage range ($U_{DCworkmin} - U_{DCworkmax}$)	V	75...900			
	Max. input current (I_{DCmax}) DC1/DC2 input	A	15		17	
	Max. input current (I_{DCmax}) DC3 input	A	-		17	
	Number of DC inputs		2		3	
AC	Number of combined DC inputs (PV or battery)		1			
	Output side (AC): Grid connection		~, 230V, 50 Hz			
	Rated output current ($I_{AC,r}$)	A	19,32		32	
System data	Backup power operation		~, 230V, 50 Hz			
	Protection class in accordance with IEC 60529		IP 65			
	Height / width / depth	mm	561 / 409 / 237			
	Weight	kg	19,6		21,6	
Interfaces	Connection technology, DC side		SUNCLIX plug			
	Connection technology, AC side		Spring-type terminal strip			
	Ethernet LAN (RJ45) / WiFi (IEEE 802.11b/g/n 2,4GHz)		2 / ✓			
	Energy meter connection for collecting energy data (Modbus RTU)		✓			
	Digital inputs		Ripple control receiver or external battery control, CEI, OVP monitoring			
	Digital outputs (e.g. for self-consumption control)		4 (24 V, 100 mA)			
Warranty	Webserver (user interface)		✓			
	Warranty (Smart Warranty plus ²)	Years	10 (5+5)			

Preliminary data. Subject to technical changes. Errors excepted.

¹ Power class is depending on country.

² KOSTAL Smart Warranty and Smart Warranty Plus: 5-year warranty period with activation in the KOSTAL Solar Webshop. Additional 5-year material warranty with registration in the KOSTAL Solar Portal. You will find more information about the service and warranty conditions in the download area for your product.

Discover the KOSTAL product portfolio and convince yourself of the wide range of applications.

You can find more information at www.kostal-solar-electric.com

