



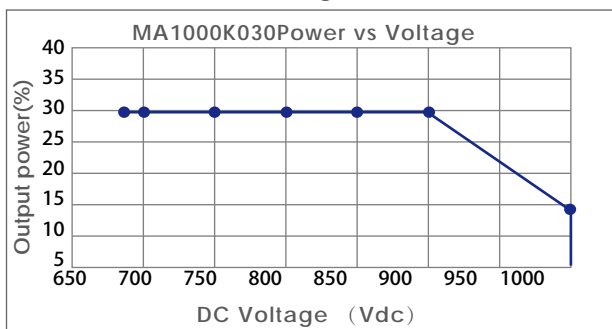
30kW&60kW Light Commercial PCS

► Features

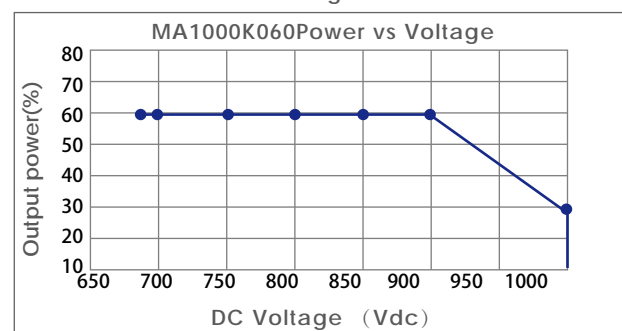
1. Modular Design, flexible multi-unit paralleling based on advanced control algorithm;
2. Smart control on modes switching, full load switching in 30ms;
3. Capable with 3P4W-PE, Easy usage and maintenance;
4. 2-4pcs modules could be in parallel to be Max.240kW inverter on&off grid mode for large scale C&I projects.

► Output characteristic curve

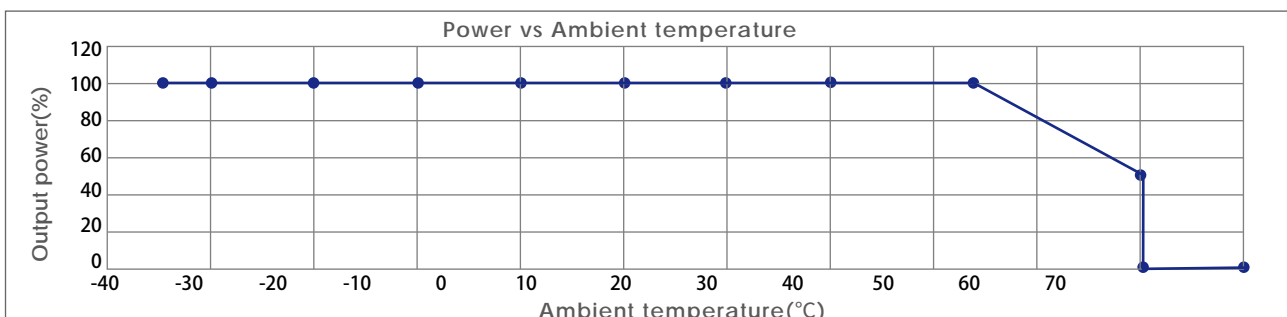
MA1000K030 Power vs Voltage curve



MA1000K060 Power vs Voltage curve



Power vs Ambient temperature curve



System Parameters

Model	SMT-30AD	SMT-60AD
DC parameters		
Maximum voltage(V)	1000	1000
Rated voltage(V)	800	800
Battery voltage range(V)	680~1000	680~1000
Maximum charging / discharging current(A)	44	88
AC input parameters		
Maximum input apparent power(kW)	30	60
Maximum input active power(kW)	30	60
Rated input voltage(V)	230/400, 3P+N+PE	230/400, 3P+N+PE
Maximum continuous input current(A)	43	86
Rated input frequency(Hz)	50	50
AC output parameters		
Rated output voltage(V)	230/400, 3P+N+PE	230/400, 3P+N+PE
Rated output frequency (Hz)	50	50
Maximum continuous output current (A)	43	86
Maximum continuous output active power (kW)	30	60
Maximum continuous output apparent power(kW)	30	60
unbalanced loads(%)	100	100
Power factor	0.8cap...0.8ind	0.8cap...0.8ind
General		
Operating temperature range (C)	-30~+60(>45C derating)	-30~+60 (>45 C derating)
Ingress protection	IP20	IP20
Operating altitude range(m)	3000	3000
Maximum efficiency(%)	98.5	98.5
AC / DC start function	Integrated	Integrated
Size (W*D*H)(mm)	436*550*130	436*550*130
Weight (kg)	25	28
Communication		
BMS communication interface	CAN、RS485	CAN、RS485
EMS communication interface	Ethernet、RS485	Ethernet、RS485
EMS communication protocol	ModbusTCP/ModbusRTU	ModbusTCP/ModbusRTU
general-purpose IO	3-way DI、2-wayDO	3-way DI、2-wayDO

*All illustrations and data may differ from standard product. Subject to change without notice.



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