








H1 Hybrid Battery Inverter H1-10K-T2



-  With UPS function, switch time $\leq 10\text{ms}$
-  Easy setting of various working modes
-  Wide input range of PV, MPPT and battery voltage
-  Continuous 1-minute 150% overload output power
-  comfortable & noiseless

GUANGZHOU SANJING ELECTRIC CO., LTD.

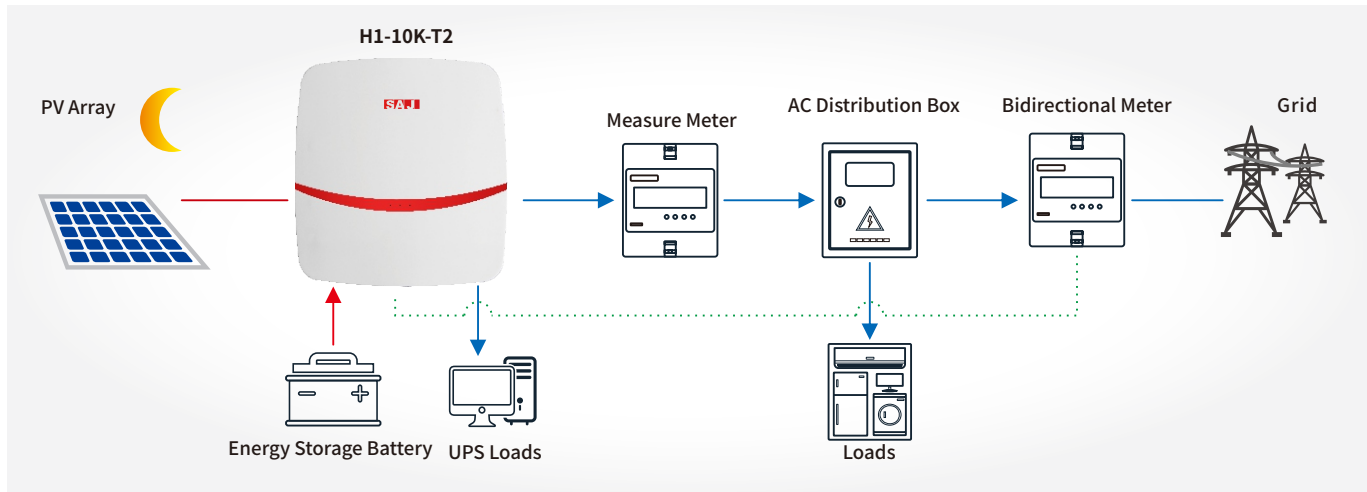
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Three-phase hybrid energy storage system



H1-10K-T2 Datasheet

Type	H1-10K-T2
DC Input Data	
Recommended Accessed DC Power[W]	13000
Max. DC Voltag[V]	1000
MPPT Voltage range [V]	160 ~ 950
Start Voltage [V]	180
Min. DC Voltage[V]	150
Max. DC Input Current PV1/PV2 [A]	12.5/12.5
Number of MPPT	2(1/1)
Battery Data	
Battery Type	Li-ion battery/Lead-acid battery
Battery Voltage/Range of Voltage [V]	400/160-550
Maximum Charge/Discharge Current [A]	25
Maximum Charge/Discharge Power [W]	10000
Grid-Tie Operation (On Grid)	
Rated/Maximum Output Power [W]	10000
Rated Output Current [A]	15.1/16.6
Power Factor	0.8 leading~0.8 lagging
Total Harmonic Distortion (THDi)	<2%
AC Output Data (Back-up)	
Rated Output Power	10000W/ 10000VA
Overload (Batt. Mode) / Grid Mode	15000VA(150% >1min)
Efficiency	
Max. Efficiency	98.20%
Euro Efficiency	97.70%
Battery Charging/Discharging Efficiency	97.6%
Protection	
AC Short Circuit Protection	Integrated
AC Voltage High/Low Protection	Integrated
Anti-islanding protection	Integrated
Valley Peak Period Selection	Integrated
Interface	
PV Connection Type	MC4
Display	LED+(bluetooth/Wi-Fi+APP)
Communication Port	RS232(USB joints)+RS485(RJ45 crystal joints)+CAN(RJ45 crystal joints)+DRM(RJ45 crystal joints)
Communication Mode	Wi-Fi/GPRS/4G(Optional)
General Data	
Topology	Transformerless
Protection Degree	IP65
Ambient Temperature Range	-25 ~ 60°C(45 ~ 60°C derating)
Max. Operating Altitude	3000m
Cooling Method	Nature convection
Dimensions [W*H*D]	440*480*200
Weight	27kg
Standard Warranty	5 Years