

היפ'ק

3-11K

THREE PHASE 2MPPTS



Max. DC Overload
50 %



Aluminum Alloy Die Casting



MES + FCT + CRM
Infrastructure



Easy to Install and Service

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EN 20250410

MODEL

PV INPUT

Max. PV Power / W	4620	6160	7700	8400	11500	13000	13000
Max. Input Voltage / V	1000	1000	1000	1000	1000	1000	1000
Start Up Voltage / V	150/180	150/180	150/180	150/180	150/180	150/180	150/180
Rated Input Voltage / V	620	620	620	620	620	620	620
MPPT Voltage Range / V	150-850	150-850	150-850	150-850	150-850	150-850	150-850
MPP voltage range@full load / V	210-850	210-850	210-850	250-850	330-850	410-850	410-850
Max. Input Current / A	13/13	13/13	13/13	13/13	13/13	13/13	13/13
Max. Short Circuit Current / A	20/20	20/20	20/20	20/20	20/20	20/20	20/20
No. of MPPTs/No. Strings Per MPPT	2/1	2/1	2/1	2/1	2/1	2/1	2/1

AC OUTPUT

[illegible]

EFFICIENCY

[illegible]

PROTECTION FUNCTION

Anti-Islanding Protection	Integrated
PV String Input Reverse Polarity Protection	Integrated
Insulation Resistance Detection	Integrated
Residual Current Monitoring Unit	Integrated
Output Over Current Protection	Integrated
Output Short Circuit Protection	Integrated
Over Voltage Protection	DC:II / AC:III
Surge Protection	DC Opt, AC Type II

GENERAL DATA

Dimensions (W*H*D) / mm	425*351*160						
Weight / kg	12.7	12.7	12.7	12.7	13.0	13.0	13.0
User Interface	LCD&LED or LED						
PV Connection Type	MC4 (D4, SUNCLIX, H4 optional)						
Communication	RS485/WiFi/GPRS(Opt)						
Cooling Method	Natural Cooling						
Operating Ambient Temperature / °C	-25 ~ +60						
Relative Humidity / %	0 ~ 100						
Max. Operating Altitude / m	2000 (>2000 Derating)						
Protection Class	IP65						
Climatic Category (IEC 60721-3-4)	4K4H						
Topology	Non-isolated						
Night Consumption / W	<1 (Without night monitoring), <6 (With night monitoring)						