

Solis-mini-(700-3600)-4G,Solis-mini-(1500-2500)-4G-WP

Solis 4G Mini Series Inverters



Features:

- ▶ Super high frequency switching technology
- ▶ Optional 24-hour load consumption monitoring solution
- ▶ Integrated Export Power Manager (EPM)
- ▶ DRM integrated, fully comply with AS4777.2:2015
- ▶ Complies with Western Power, SA, VIC, QLD, and NSW grid requirements
- ▶ Integrate with adjustable Volt-Watt and Volt-Var function
- ▶ Compact and lightweight
- ▶ Precise MPPT algorithm
- ▶ Optional AFCI function



Model:

Solis-mini-700-4G	Solis-mini-1000-4G
Solis-mini-1500-4G	Solis-mini-2000-4G
Solis-mini-2500-4G	Solis-mini-3000-4G
Solis-mini-3600-4G	Solis-mini-1500-4G-WP
Solis-mini-2000-4G-WP	Solis-mini-2500-4G-WP

Datasheet

Model Name	Solis-mini-700-4G	Solis-mini-1000-4G	Solis-mini-1500-4G	Solis-mini-2000-4G	Solis-mini-2500-4G	Solis-mini-3000-4G	Solis-mini-3600-4G	Solis-mini-1500-4G-WP	Solis-mini-2000-4G-WP	Solis-mini-2500-4G-WP	
Input DC											
Max. input power	930W	1330W	2000W	2660W	3330W	4000W	4780W	2000W	2660W	3330W	
Max. input voltage	600V										
Rated voltage	200V			330V			200V		330V		
Start-up voltage	60V			90V			60V		90V		
MPPT voltage range	50-500V			80-500V			50-500V		80-500V		
Max. input current	11A						19A		11A		
Max. Short Circuit current	17.2A						30A		17.2A		
MPPT number/Max. input strings number	1/1						1/2		1/1		
Output AC											
Rated output power	700W	1000W	1500W	2000W	2500W	3000W	3600W	1500W	2000W	2500W	
Max. apparent output power	800VA	1100VA	1700VA	2200VA	2800VA	3300VA	3600VA	1500VA	2000VA	2500VA	
Max. output power	800W	1100W	1700W	2200W	2.800W	3300W	3600W	1500W	2000W	2500W	
Rated grid voltage	1//N/PE, 230V										
Rated grid frequency	50Hz										
Rated grid output current	3.0A	4.3A	6.5A	8.7A	10.9A	13A	16A	6.5A	8.7A	10.9A	
Max. output current	4.4A	5.2A	8.1A	10.5A	13.3A	15.7A	16A	7.2A	9.6A	12.0A	
Power Factor	>0.99 (Adjustable from 0.8 leading to 0.8 lagging)										
THDi	<3%										
Efficiency											
Max. efficiency	97.2%			97.5%			97.2		97.2%		97.5%
EU efficiency	96.5%			96.8%			96.5		96.5%		96.8%
Protection											
DC reverse-polarity protection	Yes										
Short circuit protection	Yes										
Output over current protection	Yes										
Surge protection (DC/AC)	Yes										
Grid monitoring	Yes										
Islanding protection	Yes										
Temperature protection	Yes										
Integrated DC switch	Optional										
General Data											
Dimensions (W*H*D)	310mm*373mm*160mm										
Weight	7.4kg			7.7kg			7.4kg		7.7kg		
Topology	Transformerless										
Self consumption	<10W (Night)						<1W (Night)				
Operating ambient temperature range	-25~60°C										
Relative humidity	0-100%										
Ingress protection	IP65										
Cooling concept	Natural convection										
Max. operation altitude	4000m										
Grid connection standard	AS/NZS 4777.2						AS4777.2:2015				
Safety/EMC standard	IEC 62109-1/-2, EN 61000-6-1/-2/-3/-4										
Features											
DC connection	MC4										
AC connection	IP67 Rated plug										
Display	LCD, 2x20 Z.										
Communication	RS485; WiFi/GPRS (optional)										