

Technical specification of IPS X-CP40 controller module

Parameter	Value
Output voltage range	0-50 VDC
Maximum output current	40A
Input voltage range	0-50 VDC
Remote control	Voltage and Current
Remote monitoring	Yes, all parameters
CP interrupter	Yes, inbuilt
Galvanic isolation	Yes
Overload protection	Yes
Protection against short-circuit	Yes
Modular structure	Yes
Plug & Play	Yes
Hot plug	Yes
Self-diagnostic	Yes
Operation without MCU	Yes
Solar ready	Yes
Input protection against over/under voltage	Yes
Output protection against over/under voltage	Yes
Number of stored log events	21000
Dimensions (H x W x D)	44 x 225 x 245 (mm)
Operating temperature	From -40°C up to +80°C
Monitoring method	SNMP & TCP/IP
Load indication	Yes, bar graph

Standards & Directives	
	EN 60950-1:2006+A11 EN 60950-1:2009+A1 EN 60950-1:2010+A12 EN 60950-1:2011 EN 61000-6-1:2007 EN 61000-6-2:2006 EN 61000-6-3:2007+A1:2011 EN 61000-6-4:2007+A1:2011