Registration date: Year Month Date

DLCAP Module Specifications Check Sheet

Customer contact information	①	Customer name :	
		Post name :	
		Name :	
		Contact : TEL E-mail	

Schedule and planned number of units

Prototype	②	Delivery date	: Number of prototype units	(Units)
Mass production		Start of mass production time	: Planned number of units	(Units/month or year)

Intended use and conditions

Application and purpose	③	Select from the following or write down the application and purpose of using the DLCAP within the permissible scope.	
		[Equipment Classification] ・Passenger vehicles ・Buses ・Trucks ・Railways ・Ships ・Aircraft ・Construction machines ・Military ・Medical devices ・Office automation equipment ・Factory automation equipment ・Measuring instruments ・Household equipment	
		・Others:	
		[Purpose] ・Power regeneration ・Power backup ・Power peak assist ・Environment load reduction ・Instantaneous drop compensation	
		・Others:	
Environmental conditions	④	Enter the temperature environment conditions of the location where the module is installed. In addition, enter any special conditions such as high humidity, presence of salt water, oil and chemicals.	
		Location	[Outdoor/Indoor] ・Accommodated in the panel ・Incorporated in the equipment ・Others ( )
		Operating Temperature	Operating temperature range ( ) ° C to ( ) ° C Average usage temperature ( ) ° C
		Storage temperature	Storage temperature range ( ) ° C to ( ) ° C Average storage temperature ( ) ° C
		Other special environmental conditions	
Expected service life	⑤	( ) years	

Required specifications

Electrical specification		Enter the charge/discharge specifications, cycle pattern including pause, and operating rate (charge/discharge frequency). If doing so is complicated, ideally attach graphs and other documents. Item ⑨ operating rate is used to check the heating state.	
	⑥	Voltage specifications	Max. charge voltage ( ) V ＊Rated voltage of module
			Voltage range at normal use ( ) V to ( ) V
			Standby voltage ＊Starting voltage of charge/discharge ( ) V
	⑦	Charge/discharge power or current	Charge power ( ) W or Charge current ( ) A
			Discharge power ( ) W or Discharge current ( ) A
	⑧	Charge/discharge time (charge/discharge cycle)	Charge time ( ) sec. Discharge time ( ) sec. Pause ( ) sec.
			One cycle time ( ) sec.
	⑨	Operating rate (charge/discharge frequency)	Charge/discharge operation time ( ) hours/day or year Or Charge/discharge cycle count ( ) time/second, hour, day, or year
Mechanical specifications		Enter the requirements of the mechanical specifications. If doing so is complicated, ideally attach diagrams and other documents.	
	⑩	Restrictions on outside dimensions	Orientation and length requiring restrictions ( ) D × ( ) W × ( ) H mm
		Weight restrictions	Weight ( ) kg or less
	⑪	Vibration/impact resistance performance	
		Required specifications ・Standards	
	⑫	Waterproof/anti-dust performance	
		Required specifications ・Standards (IPxx)	
	⑬	Package and terminal specifications	Add any specification requirements on the exterior package (chassis), or shape and position of the terminal (+)(−), if any.
Additional function	⑭	Enter any necessary functions other than the basic module configuration. Basic configuration: Cell and bus-bar connection, voltage balance circuit, overvoltage detection circuit [Presence/absence]	
		Temperature sensor, relay, fuse, cooling fan, others ( )	

Others Remarks

Attached document

[Presence/absence] Document name:

Field used by Nippon chemi-con