

1. DC box parameter list

Item	PEJB-T33
Rated voltage[VAC]	1000
Parallel input/output channel numbers	6/6
Input current per channel[A]	10 (Wire connect terminal 4mm ²)
Output current per channel[A]	10
Overcurrent protection (Yes/No)	Yes
Short circuit protection (Yes/No)	-
Lightning protection (Yes/No)	Yes
Incoming & outlet wire type	PV special cable connector
Incoming wire diameter[mm ²]	≥1×4
Outlet wire diameter[mm ²]	≥1×4
Ground wire diameter [mm ²]	≥1×10
Input/output terminal	<ul style="list-style-type: none"> Rated voltage U_e:1000V, Rated current I_n:32A
DC lightning arrester	<ul style="list-style-type: none"> Max. discharge current I_{max} (8/20μs): ≥40KA Standard discharge current I_n (8/20μs): ≥20KA Max. sustained voltage U_c:1000V Voltage protection grade U_p: ≤4KV
Insulation resistance	>20MΩ
Insulation strength	2200VAC,1MIN (例行试验 Routine test 1S)
Storage ambient temperature requirements [°C]	-40°C~+70
Working temperature requirement [°C]	-25°C~+50
Altitude	≤2000m
Environment humidity	0 ~ 95%
Shell material	PC plastic sealed box, transparent cover, IP65
Protection grade	IP65
Width×Height×Depth [mm]	Finally subject to the drawings
Weight [kg]	Finally subject to the drawings

Installation type	Upright hanging installation
Product certificate (Yes/No)	Yes
Final inspection report (Yes/No)	Yes
Product manual (Yes/No)	Yes

2. DC box component list

Item	Type	Description	Qty.	Unit	Brand
	Component list of single set:			pcs	
1	TE-PT	PC plastic sealed box, transparent cover, IP65 protection grade, including hinged buckle, mounting pendant & plate	1	pcs	TIBOX
2	PESP-1000	DC lightning arrester (With remote control information)	1	pcs	Projoy
3	4	Wire connect terminal	2	pcs	Domestic, high quality
4	10	Wire connect terminal	8	pcs	Domestic, high quality
5		Connector	2	pcs	Domestic, high quality
6	PE10	Ground connect terminal	2	pcs	Domestic, high quality
7	PV-ADBP+ADSP4	Cable connector (board side)	6	pcs	Staubli
8	PV-KBT4+KST4	Cable connector (wire side)	6	pcs	Staubli
9		Cable connectors, wires and accessories	1	pcs	LONGMAX

3. Box Schematic diagram

