



# CPP 2024

## Charging Carts

Price Tables available in the Technical Annex

CHARGING CART					
REQUERIMIENTOS OBLIGATORIOS			COMPLIES		SPECIFICATIONS AND OBSERVATIONS
STRUCTURAL			YES	NO	
5.1.1	MOUNTING	Assembly of electrical components that allow its removal (for maintenance or repairs).			
5.1.2	LOADING CAPACITY	Minimum: 20 items, maximum 30 items, with the considerations of point 5.1.4. Specify.			
5.1.3	DIMENSIONS AND WEIGHT	Maximum volume: 2 cubic meters. Maximum weight (without devices): 100kg			
5.1.4	LOAD SLOT DIMENSIONS	Minimum: depth 38 cm, height 27 cm.			
5.1.5	SEPARATORS	They must allow the orderly placement of the devices under load with a distance of between 3 and 6 cm between them.			
SECURITY					
5.1.6	BRAKE	Safety brake, easily accessible that allows you to fix the cart and avoid its transfer. For example wheels with lock.			
5.1.7	DOORS	The doors must have a lock in order to prevent access to the interior with conventional tools. The use of locks with delta key or similar is not valid.			
5.1.8	LOCK and KEYS	Door locks must have the same key combination for all carts. At least two keys must be delivered for each unit.			
5.1.9	VENTILATION and TEMPERATURE	The cart must have a ventilation mechanism that prevents overheating of the equipment.			
TRANSPORT					
5.1.10	HANDLE (S)	Handle (s) for transfer.			
5.1.11	WHEELS	4 wheels that support the weight and facilitate the transfer of the fully loaded cart.			
5.1.12	INTERNAL STABILITY	There should be no displacements or blows inside the cart during transport.			
ELECTRIC					
5.1.13	SWITCHES	Thermomagnetic and differential (or combined), which remains inside the cart or with protection against access by a non-technical user.			
5.1.14	POWER INDICATION	Visual indication from the outside, or easily visible from the outside, indicating whether the cart is energized.			
5.1.15	220VAC POWER SUPPLY	The 220VAC card must be of European type for a minimum electricity of 16A, with electrical grounding.			

5.1.16	GROUND	All metal parts of the cart must be properly grounded.			
5.1.17	EXTERNAL MAIN SWITCH	Device main switch with external user access.			
<b>WIRING</b>					
5.1.17	WIRING	The wiring must be protected by easily accessible conduit for repairs.			
5.1.18	POWER WIRE	It must be reinforced and with a minimum length of 3 meters. The power wire must be attached to the cart and only removable by a technical manager.			
5.1.19	SOCKET	The sockets must allow the connection of wall type chargers with a volume of 10cm x 5cm x 5cm, and be distributed in a way that facilitates wiring from each equipment.			
5.1.20	INTERNAL CONDUITS	The DC cables must be able to be placed internally in an orderly manner by means of some internal conduits.			
<b>REGULATIONS</b>					
5.1.21	RoHS	RoHS standard compliance. <b>(It is NOT required to present the detailed documents with the test protocols applied).</b>			
5.1.22	International Regulations for Low Voltage devices	The product must have some international regulations that guarantee compliance with general requirements applicable to low voltage devices. Specify the standards that the product meets.			
<b>IDENTIFICATION</b>					
5.1.23	SERIAL NUMBER AND BARCODE	The product must be delivered with a unique serial number that identifies it, with its corresponding bar code (type 128), printed indelibly in a visible and easily accessible place on the equipment and its outer packaging. The printing of the barcode on the equipment may be by laser, silkscreen or other similar method or labels. The method to be used shall be agreed with Ceibal. The result must present sufficient contrast to be read by barcode readers.			
5.1.24	INFORMATION OF EACH PALLET	Each pallet shall be labeled with the following information: -Equipment model, lot/batch. -Pallet number and total pallets in the lot. -Number of individual boxes on pallet.			
5.1.25	INFORMATION OF EACH BOX	Each individual box shall be labeled with the following information: -Equipment model, lot/batch. -Box number and total number of boxes in the lot. -Serial number (barcode and alphanumeric code) of the equipment, as indicated in 5.1.24).			
<b>DESIRABLE REQUIREMENTS</b>					
5.1.26	TENSION STABILIZER	Module that protects the product against voltage fluctuations of the mains. (No UPS)			
5.1.27	OVERLOAD PROTECTION	Protection that opens the power when the electricity limit is exceeded.			

5.1.28	PERSONALIZATION	The Ceibal logo must be on one of the visible faces of the product (final design to be agreed with Ceibal)			
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DOCUMENTATION			OBSERVATIONS
5.2.1	TECHNICAL SPECIFICATIONS	Document with technical specifications and images or renders of the product.	
5.2.2	BILL OF MATERIALS (BOM) and SPARE PARTS LIST	Document with the list of parts and spare parts of the solution.	
5.2.3	CERTIFICATION	Document that lists the standards that the product offered meets with the certificates that guarantee it.	
5.2.4	MAINTENANCE GUIDE	Document specifying the replacement process of the main spare parts defined in the BOM	
5.2.5	ACCESSORIES	List of available accessories (for example, separators, cables, etc.)	
5.2.6	VOLTAGE STABILIZER and / or OVERLOAD PROTECTION	In case of offering a solution that meets these desirable requirements, deliver a document that specifies functionalities, mode of use and configuration	
5.2.7	MASTER FILE WITH SERIALIZATIONS	Document indicating the complete list of serial numbers included in each lot.	

Charging Cart		
VOLUME	UNIT PRICE, US\$ CIF MVD	OBSERVATIONS
Up to 99		
between 100 and 299		
between 300 and 499		
More than 500		
Charging Cart – SPARE PARTS (*)		
SPARE PART (**)	UNIT PRICE, US\$ CIF MVD	OBSERVATIONS
...		
...		
Charging Cart - Extended warranty for 3 years extra		
Description	UNIT PRICE, US\$ CIF MVD	OBSERVATIONS

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(\*) Quote each spare part according to the ranges established in the volume, and considering a failure rate of 10%.

(\*\*) Description of the spare part according to the BOM delivered (see corresponding Documentation requirement).