

Recommended

FASTEST METHOD TO FIND THE RIGHT CHARGER FOR YOUR DOCK

RAM MOUNTS GDS STROM-MODUL - SAE/OFFENE ENDEN - 10-30V...
 RAM-GDS-CHARGE-V7CU (411077) 78,95 €
RAM MOUNTS GDS STROM-MODUL - SAE/OFFENE ENDEN - 10-30V DC...
 RAM-GDS-CHARGE-V3C-3U (412078) 130,95 €
RAM MOUNTS GDS STROM-MODUL - SAE/OFFENE ENDEN - 30-64V...
 RAM-GDS-CHARGE-V3CH-2U (586461) 126,95 €

Add-on & Accessories

On the product page for any dock, look for the chargers within the “Add-on & Accessories” section.

This section will only show chargers that are compatible with the corresponding dock.

Advanced

UNDERSTANDING THESE 3 FACTORS WHEN CHOOSING THE PROPER HARDWIRE CHARGER FOR YOUR APPLICATION

1 Connector type

USB-C Male

For GDS® Vehicle Docks and RAM® Docks with USB-C Female Power Connectors.

USB-A Female

For RAM® Handheld Docks with USB-A Male Connectors. Some legacy docks have an mUSB Connector but come with an mUSB to USB-A Cable. Those docks would also take these.

DC 5.5mm Male

For RAM® Docks with 5.5mm DC Female Connectors.

2 Device Charging Requirements

See “Output” and “Power Delivery” values in Charts

- Some devices require higher charging in order to function properly, such as Power Delivery (PD)
- Some devices require a lower power range and will not recognize Power Delivery (PD) Chargers
- Some devices will support Power Delivery (PD) charging but may not require it

3 Vehicle Charging Requirements

See “Input” Value in Charts

- Fuel powered vehicles such as cars, trucks & propane forklifts will typically work with ~10-32VDC Chargers
- Electric Forklifts require a higher input range charger from ~24-64VDC

USB-C Male

PART ID	INPUT VOLTAGE	OUTPUT VOLTAGE	POWER DELIVERY
RAM-GDS-CHARGE-V3C-3U	10-30VDC	5-15VDC @ 3A	Yes
RAM-GDS-CHARGE-V3CH-2U	30-64VDC	5-15VDC @ 3A	Yes
RAM-GDS-CHARGE-V7CU	10-30VDC	5.42-9VDC @ 2.5A	No
RAM-GDS-CHARGE-V8CU	30-64VDC	5.42-9VDC @ 2.5A	No
RAM-GDS-CHARGE-V21CU	10-30VDC	12VDC @ 2.5A	Yes
RAM-GDS-CHARGE-V22CU	30-60VDC	12VDC @ 2.5A	Yes

USB-A Female

PART ID	INPUT VOLTAGE	OUTPUT VOLTAGE	POWER DELIVERY
RAM-GDS-CHARGE-V7B1U	10-30VDC	5-9VDC @ 2.5A	No
RAM-GDS-CHARGE-V8BU	30-64VDC	5-9VDC @ 2.5A	No

DC 5.5mm Male

PART ID	INPUT VOLTAGE	OUTPUT VOLTAGE
RAM-GDS-CHARGE-V9U	20-60VDC	12VDC @ 3.5A
RAM-GDS-CHARGE-V10-1U	10-30VDC	12VDC @ 3.5A
RAM-GDS-CHARGE-V19U	10-32VDC	14VDC @ 3.5A
RAM-GDS-CHARGE-V11U	10-32VDC	19VDC @ 3.5A
RAM-GDS-CHARGE-V17U	10-32VDC	9VDC @ 3.5A
RAM-GDS-CHARGE-V12U	24-60VDC	19VDC @ 3.5A
RAM-GDS-CHARGE-V15U	28-60VDC	16VDC @ 3.5A
RAM-GDS-CHARGE-V14U	10-28VDC	16VDC @ 3.5A
RAM-GDS-CHARGE-V18U	24-60VDC	9VDC @ 3.5A
RAM-GDS-CHARGE-V20U	20-60VDC	14VDC @ 3.5A