

**PREFERRED**  
CHASSIS  
FABRICATION



SGORPION4x4.COM

**12V/24V DC Source**  
**28 Vdc / Charger**  
**1Ø AC Source**  
**Adjustable Output Freq**

**PORTABLE DC POWER CART**  
**PORTABLE AC POWER SOURCE**  
**BUILT-IN SMART CHARGER**

**Part Numbers M2K28**  
**MA1-2K28 (AC opt)**

**Features**

- Mobile flightline or motor pool power
- 2000 CCA 12V/24V start capacity
- Air Transportable with batteries
- Universal input charger
- 1Ø AC output option
- Standard NATO DC connector

**Applicable Specifications**

- IP56
- DO-160
- MIL-STD-1275
- MIL-STD-167
- MIL-STD-1472
- MIL-STD-810

**Specifications (-40 to +85°C ambient temperature)**

<b>SYM.</b>	<b>DESCRIPTION</b>	<b>VALUE</b>	<b>TOL.</b>	<b>NOTE (STD)</b>
Vac	1Ø charger input voltage	100-240V	±10%	50/60Hz
Vdc <sub>1</sub>	Output voltage (NATO conn)	24Vdc	nom	
CCA <sub>1</sub>	Cold cranking amps	2000A	min	
Vdc <sub>2</sub>	Output voltage (AND conn)	12Vdc	nom	
CCA <sub>2</sub>	Cold cranking amps	2000A	min	
AH	Nominal capacity 20 Hr rate-AH	200AH	nom	
T <sub>R</sub>	Reserve capacity (minutes)	200	typ	
Vac	AC output voltage	120Vac	nom	AC output opt
F <sub>ADJ</sub>	AC output frequency range	47-800Hz	±1%	Var freq opt
Wt	weight (pounds)	460	max	AC output opt